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SEP 22 1909

TWENTIETH YEAR



MICHELLI'S

BULB'S

1909

HENRY F. MICHELL CO.

Largest Direct

BULB IMPORTERS

TWO ESTABLISHMENTS

1018 and 518 MARKET ST. PHILA.

EARLY TULIP
COTTAGE MAID

25c. PER DOZ. PER 100 \$1.50 \$12.50 PER 1000

MICHELL'S HIGHEST QUALITY BULBS

ARE annually planted in the public squares and parks of Philadelphia, Harrisburg, Reading, Wilkes-Barre, and on the Executive mansion grounds and greenhouses in Washington, D. C., which should be sufficient proof that they are all we claim for them. These contracts are always awarded us on the merits of previous year's quality

TESTIMONIAL

Upon viewing the beautiful display in the Philadelphia's public squares and parks the past spring, the City Forester writes:

"After noting the wonderful bulbous bloom in the city parks and squares, there are two indisputable facts in evidence: The very high standard of excellence attained by your bulb growers in Holland and your ability in procuring the best of their production in that line. I am glad that the public will be treated to a floral display next year equal to that of this spring, by reason of the contract for all bulbs for the city squares and parks being awarded to Henry F. Michell Co."

"JOHN C. LEWIS,

"City Forester and Landscape Gardener for Philadelphia."

Henry F. Michell Co. BULBS

SEEDS
PLANTS
FERTILIZERS
POULTRY SUPPLIES
INSECT DESTROYERS
GARDEN TOOLS, Etc.

Henry F. Michell Company endeavor to send out only the very best quality of Seeds, Bulbs and Plants, but cannot guarantee results or crops. If customers do not accept goods on the above conditions, they can be returned to us within ten days.



Our Additional Establishment at 518 Market Street, through to Ludlow Street

Two Stores **Market St., Phila.**
1018 & 518

HENRY F. MICHELL, *Prest.*

FRED'K J. MICHELL, *Vice-Prest.*

TELEPHONES

BELL { FILBERT 39-72
" 39-73
" 39-74

KEYSTONE { RACE 19-33
" 19-34

Brief Cultural Directions on a few of the Most Important Bulbs

HYACINTHS

Directions for Planting in the Open Ground.—This should be done in October and November, but they can be set out at any time, as long as the ground is open and the bulbs remain sound, but early planting always insures good root development and thorough establishment. The best compost for their culture is the following: One-third sand, one-third well rotted cow manure and one-third good garden mould; or, where the soil is naturally light, well rotted cow manure liberally intermixed is sufficient. Special care should be taken not to add any bone fertilizers, as they usually draw vermin. The beds composed of the above compost should be well dug to a depth of fourteen inches, and raised from two to four inches above the level of the walks. Care must be taken not to press the earth too firmly around and over the bulbs. After planting, rake the bed smooth, and after the ground has frozen tolerably hard in early winter cover with dry litter, leaves or coarse manure. If this be applied before freezing weather it renders the bulbs liable to the predations of field mice.

For Culture in Pots.—Prepare the above compost, adding, if possible, a quantity of leaf mould. The most favorable time for planting is September, October and November. The size of the pot depends on the number of bulbs planted in a single one; three bulbs in a pot of, say, six inches diameter make a rich, massive effect; one or two bulbs in each may be planted in proportionately smaller pots—two bulbs in each are very effective. When planted water them well, then bury the pots in the open ground to the depth of six inches for eight weeks, in which condition the preparatory root growth necessary to a vigorous development of their flower spikes is made. After this period take up the pots and remove them to a room not heated, but not so cold as to freeze. Being exposed to the light for the first time, they are, of course, very delicate. Care should, therefore, be exercised not to place them in the direct rays of the sun for two or three days.

For Growing in Glasses.—Single varieties are the best for this purpose, as they produce much more satisfactory blooms than the double ones. Place the bulb in the glass, which should be filled with water so it touches the bottom of the bulb, place them in a cool place, in the dark,

changing the water every ten days or two weeks; keep them in the dark from six to eight weeks, then remove them to the light. If then kept in a cool room they will produce very fine spikes.

A small piece of lump charcoal placed in the water will prevent it from getting foul.

TULIPS

For Bedding Out.—The bed should be formed of a compost similar to that recommended for Hyacinths; the bulbs should be planted about four inches apart and about five inches deep (close planting makes a much finer effect and prevents the flowers breaking off when swaying in the wind); they should then be covered with a litter shortly before the severe freezing weather sets in, and left in this condition until spring approaches.

For Pot or Pan Culture.—Plant about four bulbs in a six-inch pot or five bulbs in a six-inch pan, water thoroughly and then remove to the open ground or in a cold frame, covering with coal ashes; after they have rooted thoroughly they should be brought into a moderately cool room and gradually warmer; by bringing in a fresh supply from the outside every ten days, they can be had in bloom continually.

NARCISSUS

The double and single trumpet varieties should be planted in soil. For indoor culture, plant in boxes or pots, and treat similar to Hyacinths. Chinese Lilies and Paper White Narcissus, and the Polyanthus types, such as Grand Soleil d'Or, etc., succeed very well and are quite interesting if planted in water and pebbles, as one can watch their progress of growth. A small lump of charcoal prevents the water from getting foul, although changes of water are advisable.

CROCUS

A real show can be obtained from these tiny bulbs. They will bloom in a few weeks from time of planting inside. Place a few bulbs, or as many as the size of crock will warrant. In a short space of time the bulb will make a grand display. Planted out in the open ground, they bloom among the first of the spring flowers.

Distances for Planting apart some of the most important Bulbs outdoors

- Aconite.** 3 to 4 inches.
- Anemone.** 8 to 10 inches.
- Chionodoxa.** 4 to 5 inches.
- Crown Imperials.** 1 foot to 15 inches.
- Crocus.** 2 to 3 inches.
- Colchicum.** 6 to 8 inches.
- Daffodils.** 5 to 6 inches.
- Dielytra.** 3 to 4 feet.
- Hyacinths.** Bedding sorts, 5 to 6 inches.
- Hyacinths (Grape).** 3 to 4 inches.
- Iris, Japanese.** 2 to 3 feet.
- Iris, Spanish.** 4 to 5 inches.
- Iris, English.** 6 to 8 inches.
- Ixias.** 3 to 4 inches.
- Jonquils.** 3 to 4 inches.
- Lilium Candidum.** 1 to 2 feet.
- Lilium Japan Varieties.** 1 to 2 feet.
- Lily of the Valley (Clumps).** 1 to 2 feet.
- Paeonies.** 2 to 3 feet.
- Ranunculus.** 4 to 5 inches.
- Snowdrops.** 3 to 4 inches.
- Scilla.** 3 to 4 inches.
- Sparaxis.** 3 to 4 inches.
- Spirea.** 1 to 2 feet.
- Star of Bethlehem.** 5 to 6 inches.
- Tulips.** 4 to 6 inches.

Number of Bulbs required for Planting Circular Beds at distances noted below

Oval beds require very much the same number, although we will be glad to give the exact information whenever desired, also for other sized or shaped beds.

DISTANCES FOR PLANTING APART

DIAMETER OF BED	3 inches apart	4 inches apart	6 inches apart	8 inches apart	10 inches apart	12 inches apart
2 feet	61	37	19	. . . . .	. . . . .	. . . . .
3 "	127	95	37	. . . . .	. . . . .	. . . . .
4 "	217	127	61	37	24	19
5 "	331	225	91	69	37	25
6 "	469	271	127	78	52	37
7 "	631	410	169	96	71	48
8 "	817	469	217	127	85	61
9 "	1027	650	271	156	110	74
10 "	1261	721	331	190	127	91
11 "	1519	940	397	240	150	110
12 "	1801	1027	469	271	169	127
13 "	2107	1280	543	318	200	150
14 "	2437	1387	631	360	240	169
15 "	2791	1670	721	420	271	200
16 "	3169	1801	817	469	318	217
17 "	3571	2140	919	543	360	240
18 "	4037	2269	1027	590	390	271
19 "	4487	2640	1141	631	420	318
20 "	4961	2791	1261	721	469	331
21 "	5459	3210	1387	785	540	360
22 "	6981	3367	1519	817	590	397
23 "	7527	3870	1659	945	625	420
24 "	8097	4037	1801	1027	670	469
25 "	8691	4325	1951	1165	721	590

MICHELL'S SUPERB (First Size) NAMED HYACINTHS

These bulbs are selected especially for our critical trade, and are the best to be obtained. Our customers may depend upon getting only the very choicest, as our list embraces only such sorts as have won prizes at horticultural exhibitions.

	Each	Doz.	100
SINGLE BLUE HYACINTHS.			
Blue Mourant. Deep blue	\$0.10	\$1.00	\$7.50
Chas. Dickens. Porcelain . . . . .	.10	1.00	7.50
Czar Peter. Porcelain, large spike . . . . .	.15	1.50	9.00
Grand Maitre. Bright, very fine . . . . .	.10	1.00	7.50
Haydn. Violet, good spike . . . . .	.10	1.00	7.50
King of the Blues. Bright blue . . . . .	.10	1.00	7.50
Leonidas. Light, large truss . . . . .	.10	1.00	7.50
Queen of the Blues. Porcelain . . . . .	.12	1.20	8.00
SINGLE PINK HYACINTHS.			
Baron von Thuyl. Light rose . . . . .	.10	1.00	7.50
Gertrude. Fine, deep pink . . . . .	.10	1.00	7.50
Gigantea. Light, good truss . . . . .	.10	1.00	7.50
Cardinal Wiseman. Rosy pink, large . . . . .	.10	1.00	7.50
Maria Cornelia. Rose, very early . . . . .	.12	1.20	8.00
Moreno. Extra fine, deep pink . . . . .	.12	1.20	8.00
Norma. Flesh color, large bells . . . . .	.10	1.00	7.50
Rosea Maxima. Fine, salmon pink . . . . .	.12	1.20	8.00
SINGLE RED HYACINTHS.			
Amy. Rich, brilliant red . . . . .	.10	1.00	7.50
General Pelissier. Rich crimson . . . . .	.10	1.00	7.50
Koh-i-Noor (Semi-double). Bright, very fine, large spike . . . . .	.12	1.25	8.00
Robert Steiger. Crimson, good spike . . . . .	.10	1.00	7.50
Roi des Belges. Bright scarlet . . . . .	.10	1.00	7.50
SINGLE WHITE HYACINTHS.			
Alba Superbissima. Pure white . . . . .	.10	1.00	7.50
Baroness von Thuyl. Pure white, early . . . . .	.10	1.00	7.50
Grandeur a'Merveille. Blush white . . . . .	.10	1.00	7.50
La Grandesse. Pure white . . . . .	.12	1.25	9.00
La Innocence. Pure extra fine . . . . .	.12	1.20	8.00
Mad. Van der Hoop. Pure white . . . . .	.12	1.20	8.00
Mont Blanc. Pure, early large spike . . . . .	.12	1.20	8.00
Queen of the Netherlands. Extra fine spike, pure white . . . . .	.12	1.20	8.00
SINGLE YELLOW HYACINTHS.			
Ball of Gold. Golden yellow, large compact spike . . . . .	.10	1.00	7.50
Yellow Hammer. Golden yellow broad truss . . . . .	.12	1.20	8.00
King of the Yellows. Bright . . . . .	.12	1.20	8.00
La Citroniere. Lemon . . . . .	.10	1.00	7.50

Single bulbs mailed free. Add 15c. per doz. for postage.

The Hyacinth Bulbs I received from you yesterday were the finest I have ever seen. I appreciate your prompt filling of my order.
York, Pa. C. A. GREENWALT.

READ THIS

In closing let me say that the Hyacinths gotten from you last fall turned out beautifully. They were the best I ever had.

MRS. H. LLOYD.

Winston, Salem, N. C.

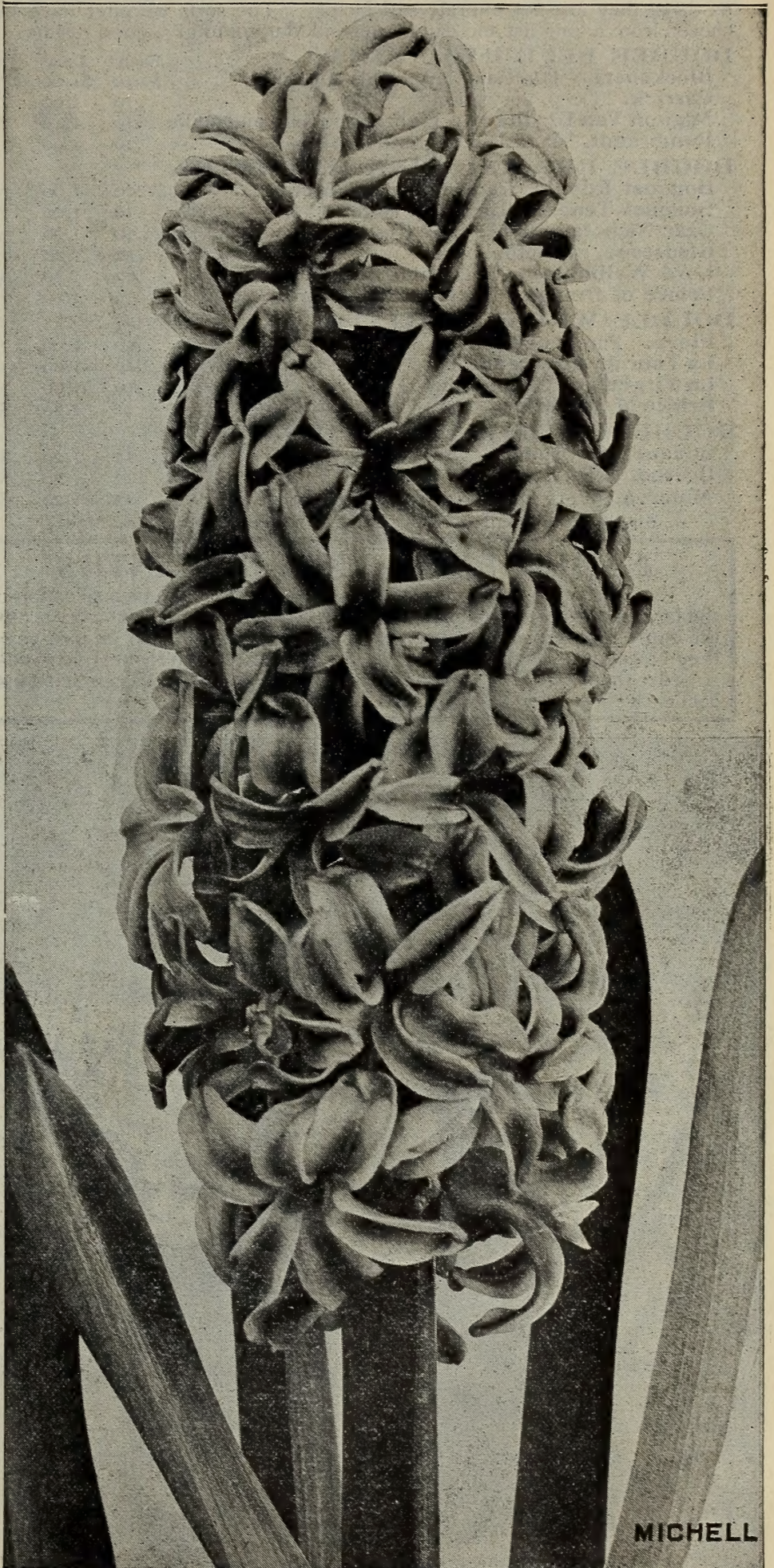
HYACINTH GLASSES

Belgian (see cut). In the following colors: Blue, green, white, amethyst and amber. 18c. each; per doz., \$1.75; \$14.00 per 100.

Tye or Low Pattern. Heavier than the above style. 18c. each; per doz., \$1.75; \$14.00 per 100.

TUBES FOR BELGIAN GLASSES

In white color only. 10c. each; per doz., \$1.10.



MICHELL

Michell's First Size Named Hyacinth—King of the Blues

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S SUPERB HYACINTHS—Continued

DOUBLE VARIETIES

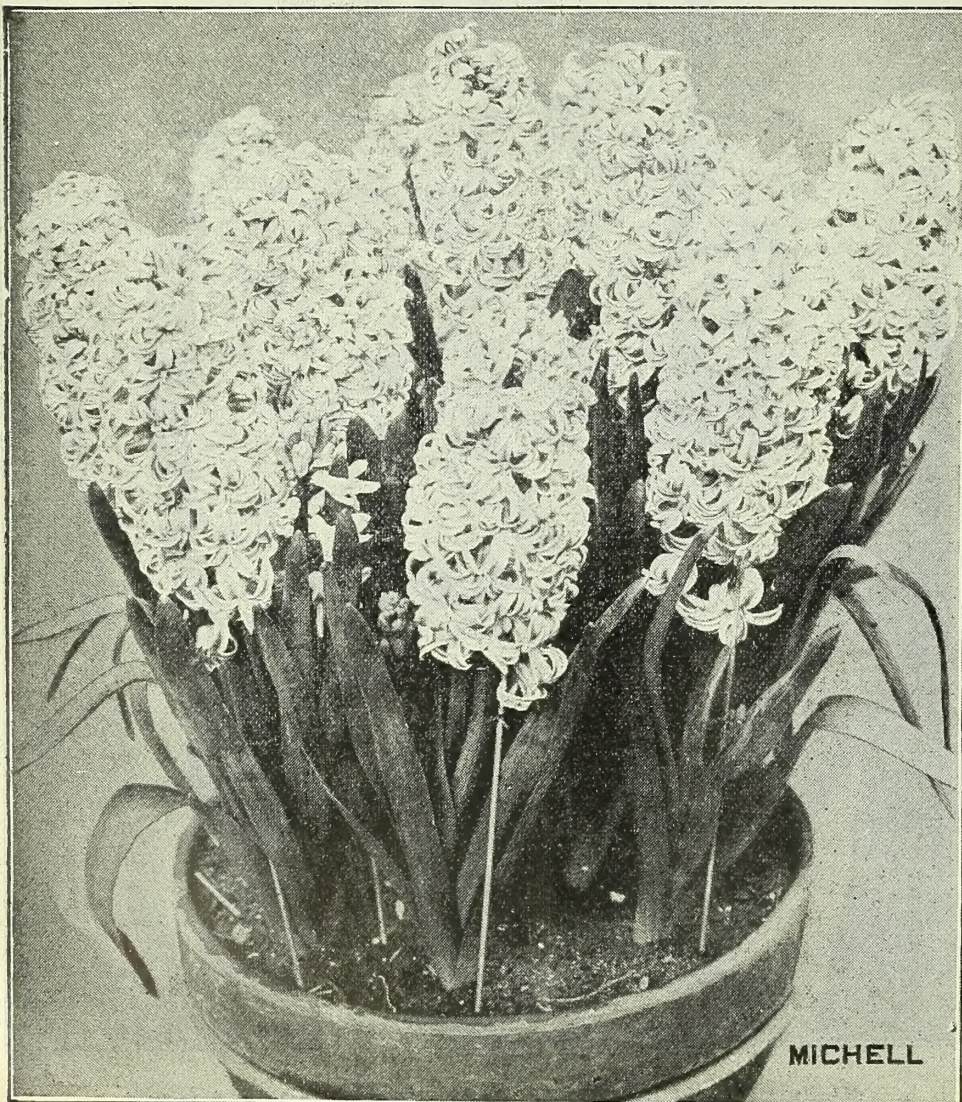
The Double Hyacinths, while grown by many, do not produce as large a spike as the single sorts. They should not be used for growing in glasses as there they are not entirely satisfactory. The sorts we offer have been chosen from a long list and can be depended upon to give good results.

	Each	Doz.	100
DOUBLE BLUE HYACINTHS.			
Blocksberg. Porcelain, large bells and spike	\$0.10	\$1.00	\$7.50
Garrick. Deep, very good . . . . .	.10	1.00	7.50
Mignon Van Dryfhout. Light, large bulb and spike . . . . .	.10	1.00	7.50
Rembrandt. Porcelain, a grand sort . . . . .	.10	1.00	7.50
DOUBLE RED AND PINK HYACINTHS.			
Bouquet Royal. Salmon pink, red centre . . . . .	.10	1.00	7.50
Bouquet Tendre. Dark red, large spike . . . . .	.10	1.00	7.50
Czar Nicholas. Pink, large truss . . . . .	.10	1.00	7.50
Gladstone. Beautiful pink . . . . .	.12	1.20	8.00
Lord Wellington. Pink, large truss, the finest . . . . .	.12	1.20	8.00
Prince of Orange. Dark pink, large spike . . . . .	.10	1.00	7.50
DOUBLE WHITE HYACINTHS.			
Flevo. Pure, fine truss . . . . .	.10	1.00	7.50
La Tour de Auvergne. Pure, perfect spike, early . . . . .	.10	1.00	7.50
La Virginite. Cream white . . . . .	.10	1.00	7.50
Prince of Waterloo. Pure white, extra large . . . . .	.12	1.20	8.00
DOUBLE YELLOW HYACINTHS.			
Bouquet de Orange. Orange salmon . . . . .	.12	1.20	8.00
Goethe. Rich light yellow . . . . .	.12	1.20	8.00
Minerva. Very fine truss, orange yellow . . . . .	.12	1.20	8.00

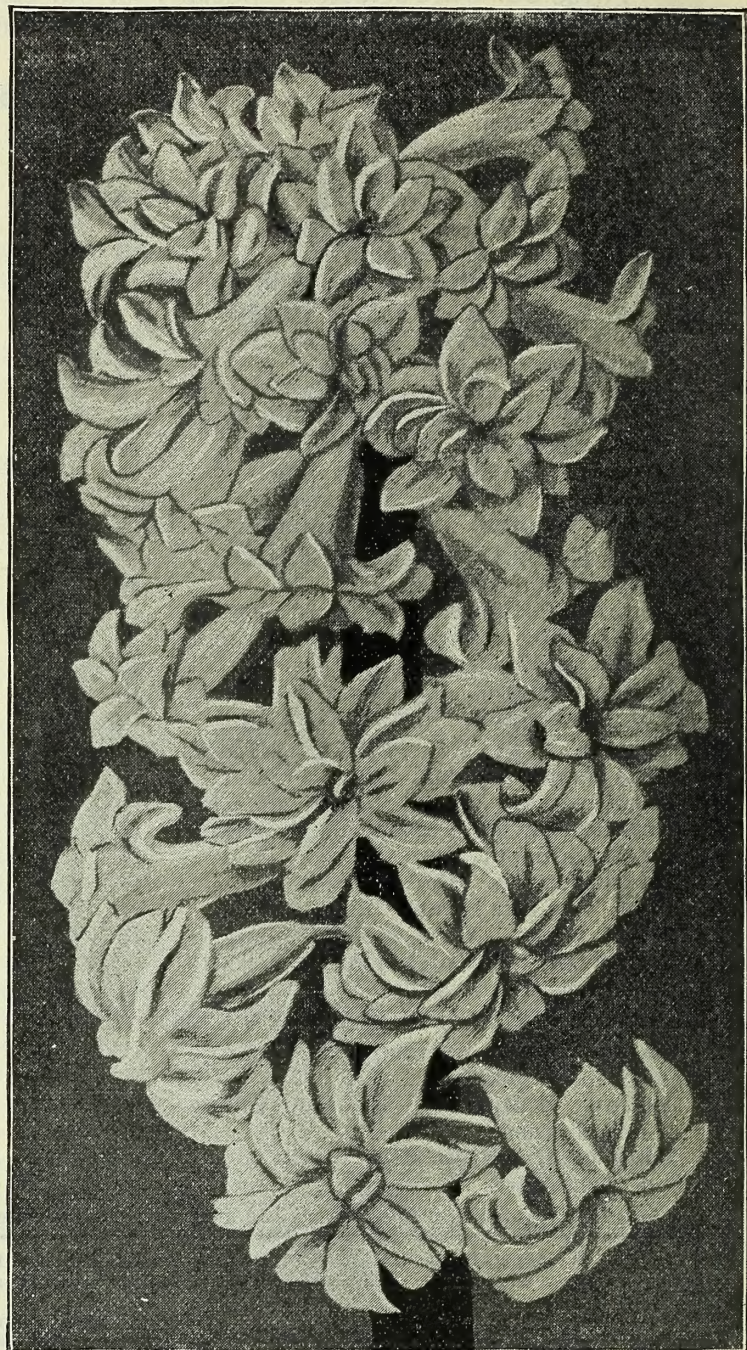
Single Bulbs mailed free. (Add 15c. per dozen for mailing).

NAMED EXHIBITION HYACINTHS

Every year we have our most reliable grower make us a selection of the largest possible Hyacinth Bulbs to be obtained. He usually scours the entire bulb-growing district of Holland to find them. In past years they've been so sought after that we rarely have enough to meet demands; so order them early. We offer them in single varieties only, our selection, 20c. each; per doz., \$2.00; \$15.00 per 100. (See also page 7.)



Michell's Dutch Roman, Pan, or Miniature Hyacinths



Michell's First Size Named Double Hyacinth Lord Wellington

MICHELL'S MINIATURE OR PAN HYACINTHS

This type of hyacinth is largely grown in pans for window decoration, etc. The trusses are magnificent and frequently almost as large as the regular hyacinths. We offer choice named sorts which will be found very satisfactory.

	Each	Doz.	100
SINGLE BLUE SORTS.			
Chas. Dickens. Porcelain	\$0.05	\$0.40	\$3.00
Grand Maitre. Bright blue . . . . .	.05	.40	3.00
King of the Blues. Bright blue . . . . .	.05	.40	3.00
SINGLE PINK AND RED SORTS.			
Chas. Dickens. Light pink . . . . .	.05	.40	3.00
Gen'l Pelissier. Deep crimson . . . . .	.05	.40	3.00
Gertrude. Deep pink . . . . .	.05	.40	3.00
Gigantea. Light pink . . . . .	.05	.40	3.00

	Each	Doz.	100
SINGLE WHITE SORTS.			
La Grandesse. Fine, pure . . . . .	.05	.50	3.25
Mad. Van der Hoop. Pure, large bells . . . . .	.05	.50	3.25

NOTE.—If Miniature Hyacinths are desired by mail, add 6c. per doz. for postage. Single bulbs mailed at price quoted.

AN UNSOLICITED TESTIMONIAL

GERMANTOWN, PHILA., PA.

The 25,000 bulbs I purchased from your firm last year were superior to those which I myself imported and grew under the same conditions, especially the Dutch Hyacinths. These I grew on contract. They were so satisfactory to my trade that I have already booked orders for next Easter. Kindly put down my order again for this year and increase it 50 per cent.

R. A. G.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S SUPERB HYACINTHS—Continued



Photograph of a Bed of *Michell's* Named Hyacinths and Tulips in Logan Square, Philadelphia, showing part of 140,000 Bulbs supplied the City for planting in the public squares and parks.

MICHELL'S NAMED HYACINTHS—For forcing and high-class bedding; also called Second Size Named

Used for **Forcing** and high-class **Bedding**. Of late years the Named Hyacinths have gained wide prominence for bedding on account of their flowering at one time, being all one height and uniform in appearance. The Named Hyacinths offered on this page are especially recommended where the above effect is desired.

SINGLE BLUE HYACINTHS.

	Each	Doz.	100	1000
Baron von Thuy. Deep blue	8c.	75c.	\$5.50	\$50.00
Blue Mourant. Deep blue	8c.	75c.	5.50	50.00
Chas. Dickens. Porcelain	8c.	75c.	5.50	50.00
Czar Peter. Porcelain	9c.	90c.	6.00	55.00
Grand Maitre Bright	8c.	75c.	5.50	50.00
King of the Blues. Bright	8c.	75c.	5.50	50.00
Leonidas. Light	8c.	75c.	5.50	50.00

SINGLE PINK HYACINTHS.

Baron von Thuy. Light rose	8c.	75c.	5.50	50.00
Chas. Dickens. Light, large spike	8c.	75c.	5.50	50.00
Gertrude. Deep pink	8c.	75c.	5.50	50.00
Gigantea. Light	8c.	75c.	5.50	50.00
Lord Macauley. Bright carmine	8c.	75c.	5.50	50.00
Moreno. Deep pink	8c.	75c.	5.50	50.00
Rosea Maxima. Salmon pink	8c.	75c.	5.50	50.00

SINGLE RED HYACINTHS.

	Each	Doz.	100	1000
Koh-i-Noor (Semi-double). Bright	8c.	75c.	\$5.50	\$50.00
Queen of Hyacinths. Scarlet	8c.	75c.	5.50	50.00
Robert Steiger. Crimson, compact truss	8c.	75c.	5.50	50.00
Roi des Belges. Bright scarlet	8c.	75c.	5.50	50.00

SINGLE WHITE HYACINTHS.

Alba Superbissima. Pure white	8c.	75c.	5.50	50.00
Baroness von Thuy. Pure white	8c.	75c.	5.50	50.00
Grandeur a'Merveille. Blush white	8c.	75c.	5.50	50.00
La Grandesse. Pure white	9c.	90c.	6.00	55.00
La Innocence. Pure	9c.	90c.	6.00	55.00
Mad. Van der Hoop. Pure	8c.	75c.	5.50	50.00
Mont Blanc. Fine, pure white	9c.	90c.	6.00	55.00
Queen of the Netherlands. Pure	8c.	75c.	5.50	50.00

SINGLE YELLOW HYACINTHS.

Herman. Orange	8c.	75c.	5.50	50.00
Ida. Bright, yellow	8c.	75c.	5.50	50.00

If desired by mail, add 10c. per dozen to Prices Quoted. Single Bulbs mailed free.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S CHOICE BEDDING HYACINTHS Unnamed Sorts

In the following hyacinths we offer something very choice either for bedding or for pot culture. Where bedding of hyacinths is to be done in large quantity we can particularly recommend them on account of their low cost, the length of time they remain in flower, and because of their handsome effect.

UNNAMED HYACINTHS (Separate Colors)

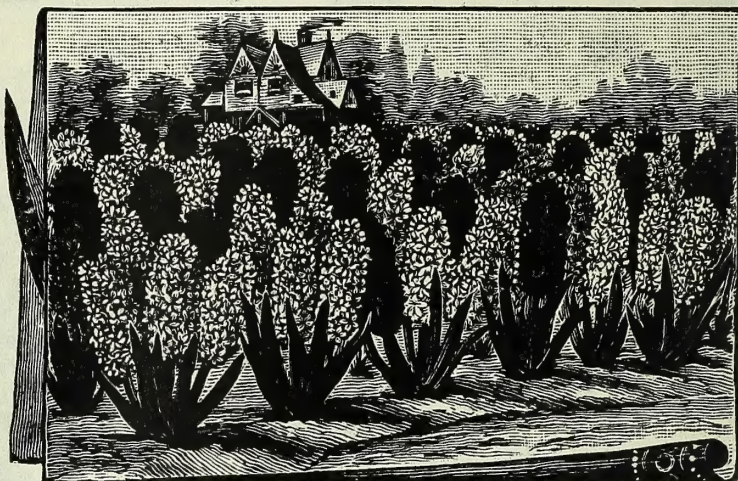
SINGLE VARIETIES.

	Each	Doz.	100	1000
Red. All shades, including pink	\$0.05	\$0.50	\$3.50	\$30.00
White. All shades, including pure white . . . . .	.05	.50	3.50	30.00
Blue. All shades, including purple . . . . .	.05	.50	3.50	30.00
Yellow. All shades . . . . .	.05	.50	3.50	30.00
Pink . . . . .	.05	.50	3.50	30.00
Dark Red . . . . .	.05	.50	3.50	30.00
Pure White . . . . .	.05	.50	3.50	30.00
Blush White . . . . .	.05	.50	3.50	30.00
Light Blue . . . . .	.05	.50	3.50	30.00
Dark Blue and Purple . . . . .	.05	.50	3.50	30.00
Mixed. All colors . . . . .	.05	.45	3.25	29.00

DOUBLE VARIETIES.

Red. All shades . . . . .	.05	.50	3.50	31.50
Pink . . . . .	.05	.50	3.50	31.50
White. All shades . . . . .	.05	.50	3.50	31.50
Pure White . . . . .	.05	.50	3.50	31.50
Blue. All shades . . . . .	.05	.50	3.50	31.50
Yellow . . . . .	.05	.50	3.50	31.50
Mixed. All colors . . . . .	.05	.45	3.25	29.00

If desired by mail, add 10c. per doz. to the Prices quoted above
(Single Bulbs mailed free)



Michell's Choice Bedding Hyacinths

GRAPE HYACINTHS

(Muscaria Botyroides)

An early spring blooming bulb for outdoor and house culture, resembling a bunch of grapes in appearance.

	Doz.	100	1000
White	\$0.20	\$1.00	\$8.00
Blue . . . . .	.15	.60	5.00

FRENCH ROMAN HYACINTHS

Roman Hyacinths afford a continuous supply of bloom from early winter until late in spring if forced successively. They are very fragrant. The blooms are suitable for most any kind of cut-flower work; they also look very attractive if planted in boxes or pots and used for window decoration. They are not hardy, consequently will not do for outdoor planting.

	Each	Doz.	100	1000
White. First size, 12 to 13 ctm.	\$0.04	\$0.40	\$2.75	\$23.00
" Selected, 12 to 15 ctm. . . . .	.05	.50	3.50	30.00
" Mammoth, 13 to 15 ctm. . . . .	.06	.60	4.00	35.00
" Monster, 15 ctm. and over . . . . .	.07	.75	5.00	45.00
Light Pink . . . . .	.05	.50	3.25	30.00
Dark Pink . . . . .	.05	.45	3.00	27.50
Blue . . . . .	.05	.50	3.00	27.50

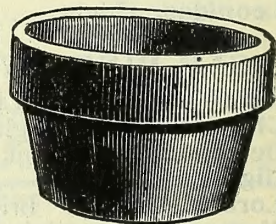
Italian. White; large spikes, blooming later than the French

If Roman Hyacinths are wanted by mail, please add 10c. per doz. for postage.

BULB PANS, Earthenware

For forcing Dutch and Roman Hyacinths and other bulbs.

Diam.	Each	Doz.	100
6 inches	\$0.07	\$0.68	\$3.75
7 " . . . . .	.08	.78	4.80
8 " . . . . .	.10	.98	6.00
9 " . . . . .	.15	1.30	8.40
10 " . . . . .	.20	1.63	10.80
12 " . . . . .	.25	2.28	15.00
14 " . . . . .	.50	4.55	30.00
16 " . . . . .	.90	7.80	60.00
18 "	1.25	11.70	90.00



Bulb Pan



Michell's Monster White Roman Hyacinths

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

Specimen Bulbs for Show and Exhibition Purposes

For several years we have arranged with our various bulb growers to supply us with **MOTHER** or **MONSTER BULBS**. In some varieties while the individual bulb is smaller than in the more common variety, the flowering results can not be compared with the latter. These bulbs will give you the finest and largest blooms. Gardeners have been exhibiting them for a number of years in the Flower Shows of Philadelphia, New York, Boston, Baltimore, etc., and annually capture highest awards.

ORDER EARLY as we are able to import only a limited number on account of their scarcity.

SINGLE HYACINTHS

Blue	Pink and Red	White	Yellow
CHAS. DICKENS. Porcelain.	GERTRUDE. Deep pink.	LA GRANDESSE. Pure.	MAC MAHON.
GRAND MAITRE. Bright.	ROBERT STEIGER. Red.	LA INNOCENCE. Pure.	PRINCE OF ORANGE.
LEONIDAS. Light.	CARDINAL WISEMAN.	QUEEN VICTORIA. Pure.	ANNA CAROLINA.
QUEEN OF THE BLUES.	Rose.	MONT BLANC. Pure.	DUKE DE MALAKOFF.
Porcelain.	GIGANTEA. Flesh.	GRANDEUR A'MERVEILLE.	
JOHAN. Light.		Blush.	
GRAND LILAS. Porcelain.	ROSEA MAXIMA. Salmon.	REINE DE HOLLANDE. Pure.	
ENCHANTRESS. Light.	CHAS. DICKENS. Rose.	ALBERTINI. Pure.	
MARIE. Dark.			

DOUBLE HYACINTHS

White	Red	Blue
PRINCE OF WATERLOO. Pure.		DELICATE. Light.
ISABELLA. Blush.	PRES. ROOSEVELT. Dark.	BLOCKSBERG. Light.
LA GRANDESSE. Pure.	REGINA VICTORIA. Light.	CROWN PRINCE OF SWEDEN. Dark

Price of any of the above Exhibition Hyacinths Single or Double, 20c. each ; per doz., \$2.00; \$15.00 per 100

NARCISSUS

ARD RIGH. Single pure yellow, trumpet and perianth.	WHITE PEARL. Pure white polyanthus or cluster flowering.
BICOLOR VICTORIA. Single, yellow trumpet, white perianth.	ORANGE PHOENIX. Double, light yellow with deep yellow center.
EMPEROR. Single, large pure yellow trumpet and perianth.	SILVER PHOENIX. Double blush white, center sulphur yellow.
EMPRESS. Single, yellow trumpet, white perianth.	INCOMPARABILIS. Double, a mixture of yellow and orange.
GOLDEN SPUR. Single, pure yellow trumpet and perianth.	VON SION. Double, pure golden yellow.
HENRY IRVING. Single, pure yellow trumpet and perianth.	Price of Exhibition Narcissus Bulbs, 10c. each ; doz., \$1.00 ; \$6.00 per 100.
MADAM DE GRAAFF. Single, white trumpet and perianth.	

TULIPS

Single Tulips	Single Tulips (Continued.)	Double Tulips
BELLE ALLIANCE. Scarlet.	ROSE LUISANTE. Pink shaded white.	CORONNE D'OR. Rich yellow.
BRUTUS. Red bordered yellow.	JOOST VON VONDEL. White.	IMPERATOR RUBRORUM. Brilliant scarlet.
CHRYSOLORA. Golden yellow.	PROSERPINE. Bright pink.	SALVATOR ROSA. Pink suffused white.
COTTAGE MAID. White bordered pink.	ROSE GRISDELIN. Pink shaded white.	RUBRA MAXIMA. Deep scarlet.
COLOR DE CARDINAL. Scarlet.	YELLOW PRINCE. Golden yellow.	MURILLO. Pink, suffused white.
KAISERKROON. Red, with yellow border.	GOLD FINCH. Golden yellow.	CORONNE DES ROSES. Deep pink.
MONTRESOR. Golden Yellow.	Price of Exhibition Tulip Bulbs, Single and Double, 75c. per doz.; 100, \$5.00.	TOREADOR. Rich orange.
WHITE HAWK. White.		TOURNESOL. Red and yellow.
VERMILION BRILLIANT. Rich scarlet.		LUCRETIA. Fine pink.

MONSTER CROCUS BULBS

GIANT YELLOW in named varieties.
" PURPLE " "
" WHITE " "
" STRIPED " "

Price, 50c. per doz.; per 100, \$3.00

MONSTER LILY BULBS

	Each	Doz.
LIL. HARRISII	\$1.00	\$10.00
" GIGANTEUM . . . . .	.60	6.00
" MULTIFLORUM . . . . .	.50	5.00
" FORMOSA . . . . .	.75	7.50
WHITE CALLAS . . . . .	.40	4.00

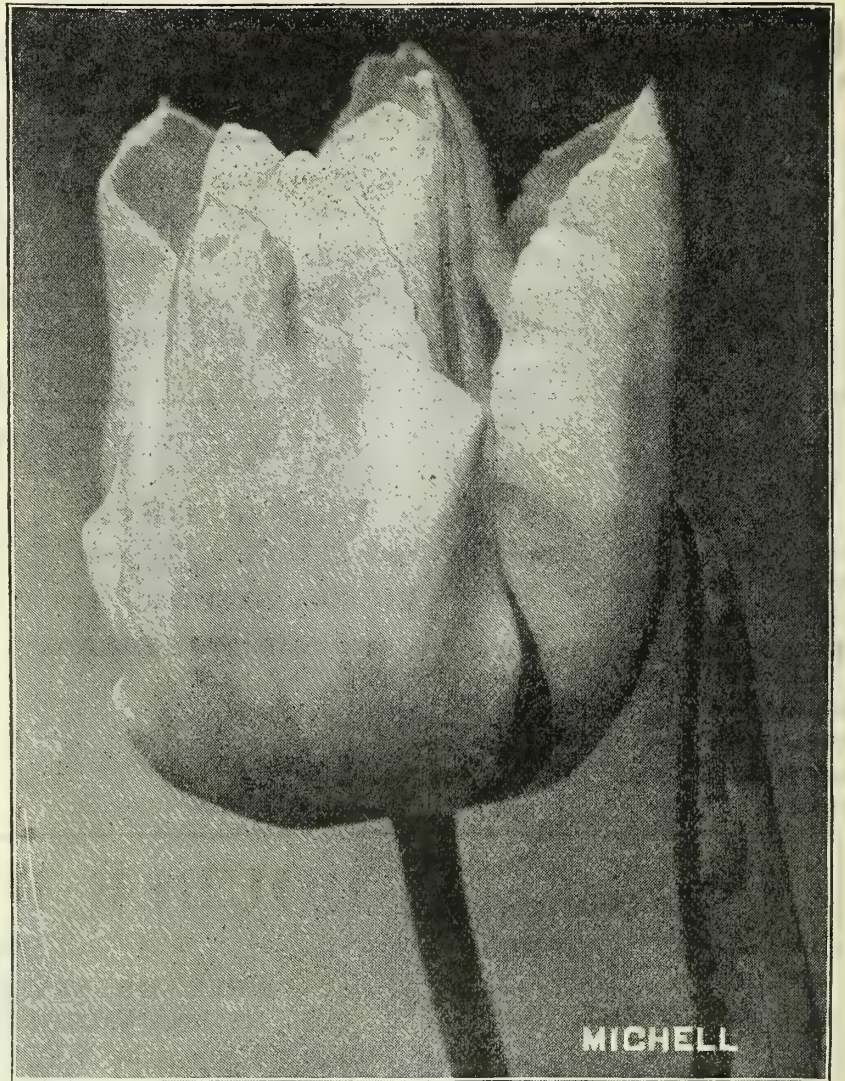
MONSTER SPIREA

	Each	Doz.
QUEEN ALEXANDRA. (Pink.)	\$0.60	\$6.00
GLADSTONE . . . . .	.35	3.75
WASHINGTON . . . . .	.35	3.75
FLORIBUNDA . . . . .	.30	3.00
SUPERBA . . . . .	.40	4.00
COMPACTA MULT. . . . . .	.30	3.00

SINGLE EARLY TULIPS

Tulips make a more handsome and lasting show than any other bulb which can be purchased at the same price. Varieties marked (*) are adapted for forcing. The figures in front of varieties indicate the approximate height in inches so one can be guided when bedding various sorts together.

	Doz.	100	1000
8 Artus. Scarlet	\$0.25	\$1.50	\$13.50
*10 Belle Alliance. The best scarlet bedder, making a brilliant show, good forcer . .	.40	2.50	22.50
*10 Canary Bird. Golden yellow . . . . .	.30	1.75	15.00
9 Cardinal's Hat. Deep red . . . . .	.25	1.35	11.00
10 Chrysolora. Golden yellow . . . . .	.25	1.50	12.00
*8 Cottage Maid. Pink and white . . . . .	.25	1.50	12.50
*10 Colour de Cardinal. Scarlet. Fine for pot and pan culture as well as bedding .	.40	2.75	25.00
9 Crimson King. Crimson red . . . . .	.30	1.75	16.00
10 Duchess de Parma. Red and orange . .	.25	1.40	13.00
*7 Duc Van Thol. Scarlet . . . . .	.30	1.75	16.00
*7 Duc Van Thol. Yellow . . . . .	.35	2.50	22.50
7 Duc Van Thol. Crimson . . . . .	.25	1.40	12.00
*7 Duc Van Thol. White . . . . .	.35	2.25	18.00
*7 Duc Van Thol. Pink . . . . .	.35	2.25	19.00
7 Duc Van Thol. Gold striped . . . . .	.25	1.50	12.50
7 Duc Van Thol. Red and yellow . . . . .	.25	1.50	12.50
*9 Gold Finch. One of the finest yellows .	.35	1.85	16.00
8 Grand Master of Malta. Red and white .	.35	2.25	20.00
8 Jagt Von Delft. Pure white . . . . .	.25	1.40	11.00
9 Joost Van Vondel. Red striped white .	.30	1.75	16.00
*9 Joost Van Vondel. White, the very best .	.60	3.75	32.50
*15 Kaiserkroon. Red, with gold border . .	.35	2.00	16.00
*10 La Reine. White-tinted pink . . . . .	.20	1.35	12.00
8 L'Immaculee. Pure white, early . . . . .	.20	1.15	9.00
*9 Mons Tresor. Golden yellow, large flower,	.40	2.25	19.00
*10 Pink Beauty. Rose-pink, shaded white .	1.00	7.50	62.50



Early Single Show Tulip. Pink Beauty.

Early Single Tulip Joost Van Vondel. White.

	Doz.	100	1000
12 Pottebakker. Yellow	\$0.30	\$2.00	\$15.00
12 Pottebakker. White . . . . .	.30	2.00	16.00
12 Pottebakker. Scarlet . . . . .	.35	2.25	20.00
*10 Proserpine. Bright pink, large handsome flower, one of the best for early forcing .	.45	3.25	30.00
9 Rachel Ruisch. Pink . . . . .	.25	1.25	11.50
*9 Rose Grisdelin. Pink, shaded white . .	.30	2.00	17.50
*9 Rose Luisante. Large pink, shaded white	.50	3.25	30.00
9 Rose Mundi. Bright pink . . . . .	.25	1.50	12.00
9 Standard Silver. White, crimson stripe .	.30	2.00	17.00
*12 Vermilion Brilliant. Richest Scarlet. Makes handsome effect in bedding . . .	.50	3.50	32.50
9 Wouwerman. Purple violet . . . . .	.35	2.50	22.00
*10 White Hawk. (New extra fine), pure white	.35	2.40	21.00
*10 Yellow Prince. Golden yellow . . . . .	.25	1.50	12.00
Mixed. Fine quality . . . . .	.15	.80	6.50
" Superfine quality, extra large bulbs .	.20	1.10	8.50

SINGLE EARLY TULIPS IN MIXTURE.

Our mixtures of Tulips have long been noted for their brilliancy, proper blending and variety of color. We use only the largest flowering named sorts, and our customers may depend on getting something extraordinary.

	Doz.	100	1000
Fine Quality, all colors	\$0.15	\$0.80	\$6.50
Superfine Quality, all colors . . . . .	.20	1.10	8.50

SINGLE UNNAMED TULIPS. (For Bedding only.)

These make a fine effect where a solid color is desired, and their cost is not so much as the named varieties, although the mixtures of color are made up from the named sorts.

	Doz.	100	1000
Pink in all shades	\$0.20	\$1.25	\$10.00
Red in all shades . . . . .	.25	1.35	11.00
White in all shades . . . . .	.20	1.25	10.00
Yellow in all shades . . . . .	.20	1.25	10.00

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S EARLY DOUBLE TULIPS

Double Tulips are used very extensively for forcing but are equally valuable for bedding purposes. They remain in flower longer than do the single sorts on account of their substance, although they do not make quite as fine a show. They should not be planted in beds with single tulips as they do not bloom as early as the single sorts. The number prefixed before the variety denotes the approximate height.

	Doz.	100	1000
10 Coronne d'Or. A handsome rich yellow variety; grand forcer	\$0.50	\$3.25	\$30.00
7 Duc van Tholl. Red with a yellow border; suitable for bedding or late forcing only when it does well in pans . . . . .	.20	1.25	10.00
9 Duke of York. Red with white border; for bedding only . . . . .	.25	1.50	12.00
9 Gloria Solis. Bright scarlet with deep yellow border; excellent for bedding or forcing . . . . .	.25	1.75	15.00
9 Imperator Rubrorum. Brilliant scarlet; especially adapted to forcing while it makes a handsome effect when used for bedding . . . . .	.50	3.00	28.00
8 La Candeur. Very large, pure white; for forcing or bedding; an excellent bedding variety to be used with the above sort . . . . .	.25	1.65	14.00
8 Le Blazon. Bright pink; for bedding only . . . . .	.30	2.00	17.50
7 Murillo. A very large pink sort, suffused with white; one of the best forcers . . . . .	.40	2.75	25.00
8 Paeony Red. Very dark scarlet, blooms very late and is a good companion to Yellow Rose; it will not force . . . . .	.30	1.50	12.00
8 Rex Rubrorum. Deep scarlet; for forcing or bedding . . . . .	.30	2.00	17.50
8 Rose Blanche. Pure white; suitable for bedding or forcing . . . . .	.30	1.50	12.50
8 Salvator Rosa. An improvement on Murillo, which it very much resembles; grand forcer . . . . .	.50	3.50	30.00
8 Toreador (New). A handsome rich orange; it should be included in every collection of forcing tulips as it is a grand variety . . . . .	.75	5.00	47.50



Double Tulip—Salvator Rosa

8 Tournesol. Red and yellow; for forcing and bedding	Doz.	100	1000
	\$0.35	\$2.25	\$20.00
8 Tournesol. Pure deep yellow; forces readily and is most desirable for cutting or pan culture . . . . .	.40	3.00	27.50
8 Titian. Red with a yellow border; good for bedding but not for early forcing . . . . .	.30	2.00	17.50
9 Yellow Rose. Blooms quite late outdoors and should not be planted with any other sort but Paeony Red; it also will not force . . . . .	.30	1.50	12.50
Mixed, in all colors. Fine Quality . . . . .	.15	.85	7.50
Mixed, in all colors. Superfine Quality . . . . .	.20	1.15	9.50

DOUBLE UNNAMED TULIPS (Separate Colors)

These are very valuable for solid color bedding where no particular design is to be carried into effect and where expense is considered. At the low price at which they are offered anyone can afford them and thus avoid mixtures. They will bloom evenly and make a fine show. They will not force, so must not be planted for that purpose.

	Doz.	100	1000
Pink, in all shades	\$0.30	\$1.50	\$12.00
Red, in all shades . . . . .	.30	1.50	13.00
White, in all shades . . . . .	.30	1.50	12.00
Yellow, in all shades . . . . .	.30	1.50	12.00

MICHELL'S EARLY DOUBLE MIXED TULIPS

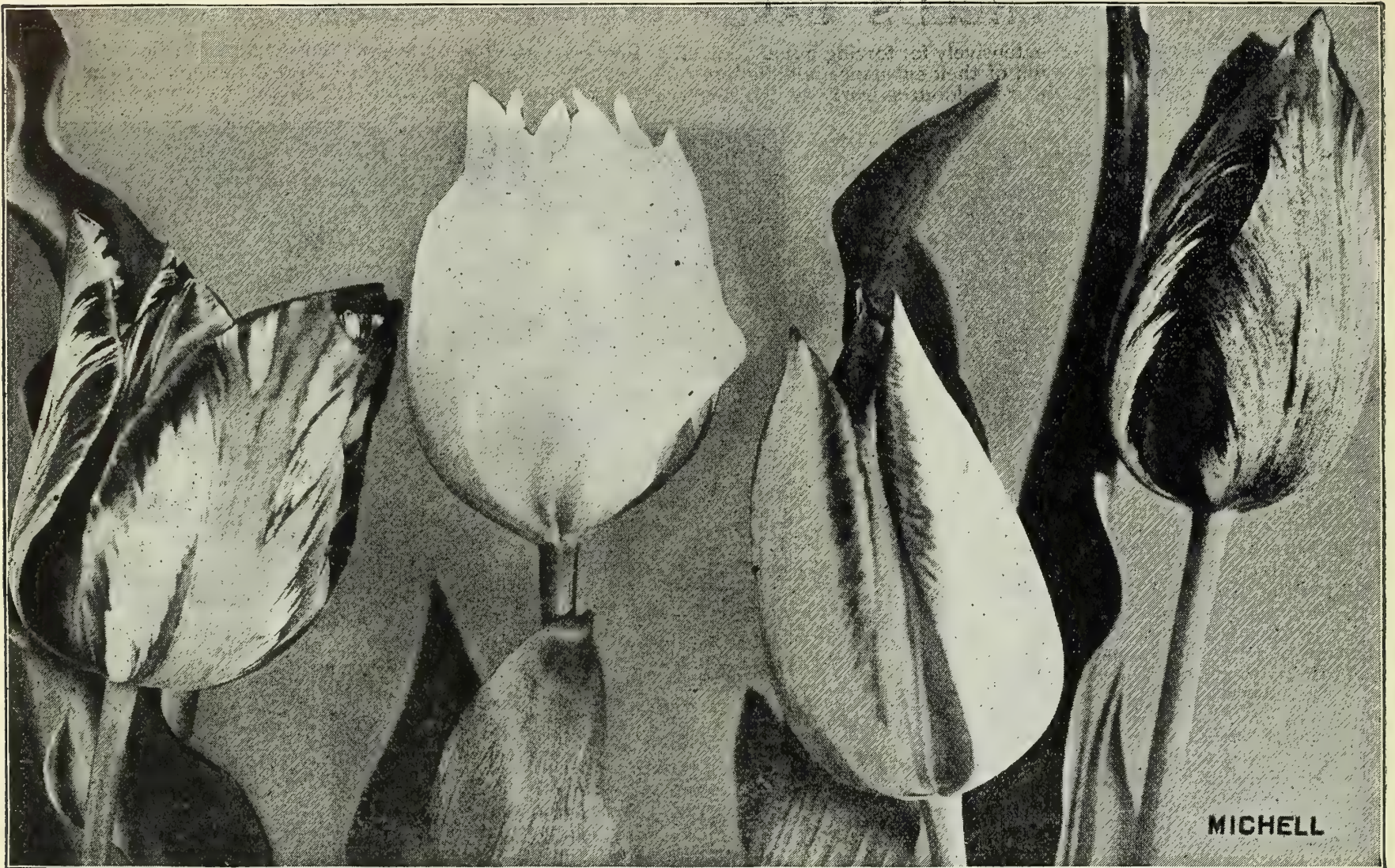
These mixtures are carefully blended with the choicest varieties taken from the named sorts. The bulbs are selected for size, and the mixture will produce a grand array of colors.

	Doz.	100	1000
Fine Quality	\$0.15	\$0.85	\$7.50
Superfine Quality . . . . .	.20	1.15	9.50



Double Tulip—Coronne d'Or.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.



MICHELL'S LATE OR MAY FLOWERING TULIPS.

Nothing in the line of horticulture has received so much comment in late years as the late flowering tulips. A few years ago where only hundreds were sold, the demand has now grown to hundreds of thousands. They well deserve the popularity they have gained, for no other of the spring flowering bulbs can approach them for brilliancy, beauty and usefulness. Reading from the left, the above shown sorts are Bizarres, Bouton d'Or, Golden Crown and Bybloemen. The numbers indicate the approximate height. They are all adapted for cutting but not for forcing.

SEPARATE COLOR NAMED SORTS

(All single except where noted.)

- 15 **Blue Flag.** (Double.) A very pretty shade of violet blue, very odd, and should on this account be included in every collection. 5c. each; per doz., 50c.; \$2.50 per 100; per 1000, \$20.00.
- 18 **Bouton d'Or.** (*Golden Beauty*.) Color, a beautiful golden yellow; handsome perfect flower; grand for cutting. 3c. each; per doz., 30c.; \$1.60 per 100; per 1000, \$14.00
- 24 **Gesneriana Spathulata.** A brilliant scarlet, with blue-black center. This is one of the finest late tulips in existence. 3c. each; per doz., 25c.; \$1.75 per 100; \$15.00 per 1000.
- 24 **Gesneriana Rosea.** Very similar in character and growth to the above; the color, however, is a rich, brilliant pink. 3c. each; per doz., 25c.; \$1.60 per 100; per 1000, \$13.00.
- 18 **Golden Crown.** Flower very large, of a pure yellow color, with a narrow border of red, excellent for bedding or cutting. 3c. each; per doz., 30c.; \$1.25 per 100; per 1000, \$10.00.
- 15 **Greigii.** Sometimes called the Queen of Tulips. Color, brilliant orange with center of yellow and black. 12c. each; per doz., \$1.25; \$8.00 per 100.
- 20 **Picotee.** (*Maiden's Blush*). (See opposite page). Color, white with a distinct rosy border; the finest late tulip. 4c. each; doz., 30c.; \$2.00 per 100; per 1000, \$17.50.

Separate Color Named Sorts—Continued.

- 24 **La Merveille.** Beautiful orange red, one of the best of the late sorts. Each, 4c.; 35c. per doz.; per 100, \$2.25; \$18.00 per 1000.
- 21 **Rosalind.** Double. A bright cherry pink, pure white at base. 4c. each; per doz., 30c.; \$2.25 per 100; per 1000, \$18.50.
- 18 **Shandon Bells, or Blushing Bride.** A beautiful carmine, red or pink, shaded creamy white, a very pretty contrast. 4c. each; per doz., 35c.; \$2.00 per 100; per 1000, \$17.50.
- 20 **The Sultan.** A peculiar shade of mahogany brown. 3c. each; per doz., 30c.; \$2.00 per 100; per 1000, \$17.50.
- 20 **White Queen.** Creamy white, tinted rose, very large flower. 5c. each; per doz., 50c.; \$3.75 per 100; per 1000, \$32.50.

LATE TULIPS IN MIXTURES

- Bizarres.** A peculiar combination of colors, principally yellow ground with markings and stripings of red, white and orange. 3c. each; per doz., 20c.; \$1.25 per 100; per 1000, \$10.00.
- Bybloemen.** A wide range of shadings and combinations of white, scarlet, pink, scarlet and crimson. 3c. each; per doz., 25c.; \$1.50 per 100; \$12.00 per 1000.
- Darwin's** A most interesting class of late tulips, covering a very wide range of colors. The Darwin's are the most interesting class of late tulips offered. 3c. each; per doz., 30c.; \$1.75 per 100; per 1000, \$16.00.
- Single Superfine Mixed.** This mixture embraces almost every type of single late tulip and we can recommend them highly for planting in places where a fine show is desired. 3c. each; per doz., 25c.; \$1.75 per 100; per 1000, \$14.00.
- Double Superfine Mixed.** In all colors. Many prefer the double tulips as they last longer than the single sorts. 3c. each; per doz., 20c.; \$1.25 per 100; per 1000, \$10.00.

Single bulbs mailed free. Please add 6c. per doz. for postage.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

PARROT OR DRAGON TULIPS

These belong to the late flowering class and on account of their peculiar markings and shadings, are much in demand. They are curiously curled and crested, as may be seen by observing the illustration below. They are fine for bedding and border planting, also useful as a cut flower, keeping well for some time when placed in water. They are very fragrant, and grow about 12 in. high. We offer first size bulbs only in Parrot Tulips, in second size rarely bloom the first year.

Constantinople. Orange scarlet, with black markings in centre. 3c. each; per doz., 30c.; \$1.75 per 100; per 1000, \$15.00.

Cramoise Brilliant. Deep carmine, flowers are very large with a star-shaped centre. 3c. each; per doz., 30c.; \$1.75 per 100; per 1000, \$15.00.

Gloriosa. A very showy orange and red sort, petal very broad, producing a mammoth flower. 3c. each; per doz., 30c.; \$1.75 per 100; per 1000, \$15.00.

Lutea Major. Very large, bright yellow, makes a handsome bed when planted with Cramoise Brilliant. 3c. each; per doz., 30c.; \$1.75 per 100; per 1000, \$15.00.

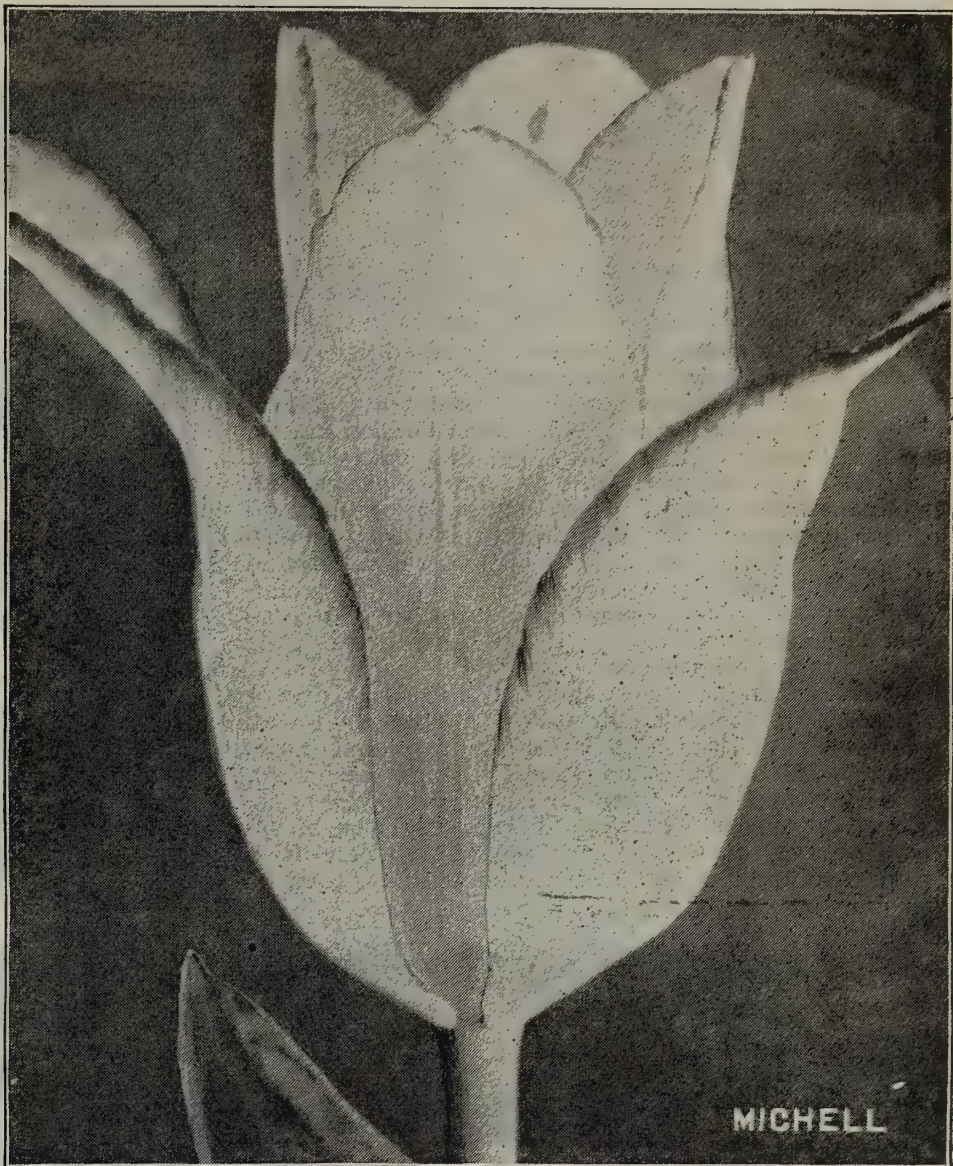
Mixed in all colors. This mixture is carefully blended and contains only the choicest sorts. 2c. each; per doz., 20c.; \$1.25 per 100; per 1000, \$10.00

TESTIMONIAL

The bulbs I had from you last year gave me the best flowers I've had since I've been in business, and that is saying a good deal. They were the best in all Lebanon and I was sold entirely out of Easter bulb plants two days before Easter. Here is my order for next year.

Lebanon, Pa.

CHAS. KOHR.



Late Single Tulip Picotee. (See page 10.)

COLLECTIONS OF LATE OR MAY FLOWERING TULIPS

At the very low price we are offering these collections, everyone who plants tulips should have a number of them. These varieties are suited to cutting and decorating; the odor they impart to the air is also a splendid feature. (Greigii has not been included in these collections.) To order by number will be sufficient.

	Price
Collection No. 1 to include 6 each of the 21 sorts offered on this and page 10—126 bulbs	\$3.00
Collection No. 2 to include 12 each of the 21 sorts offered on this and page 10—252 bulbs	5.75
Collection No. 3 to include 25 each of the 21 sorts offered on this and page 10—525 bulbs	9.60
Collection No. 4 to include 50 each of the 21 sorts offered on this and page 10—1050 bulbs	18.50
Collection No. 5 to include 75 each of the 21 sorts offered on this and page 10—1575 bulbs	27.50
Collection No. 6 to include 100 each of the 21 sorts offered on this and page 10—2100 bulbs	34.00

TESTIMONIAL

The thousand or more bulbs I purchased from you last fall showed up fine. I am certainly well pleased with them.

Williamsport, Pa.

H. R. HANKS.



Parrot or Dragon Tulip Gloriosa.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S DOUBLE NARCISSUS OR DAFFODILS

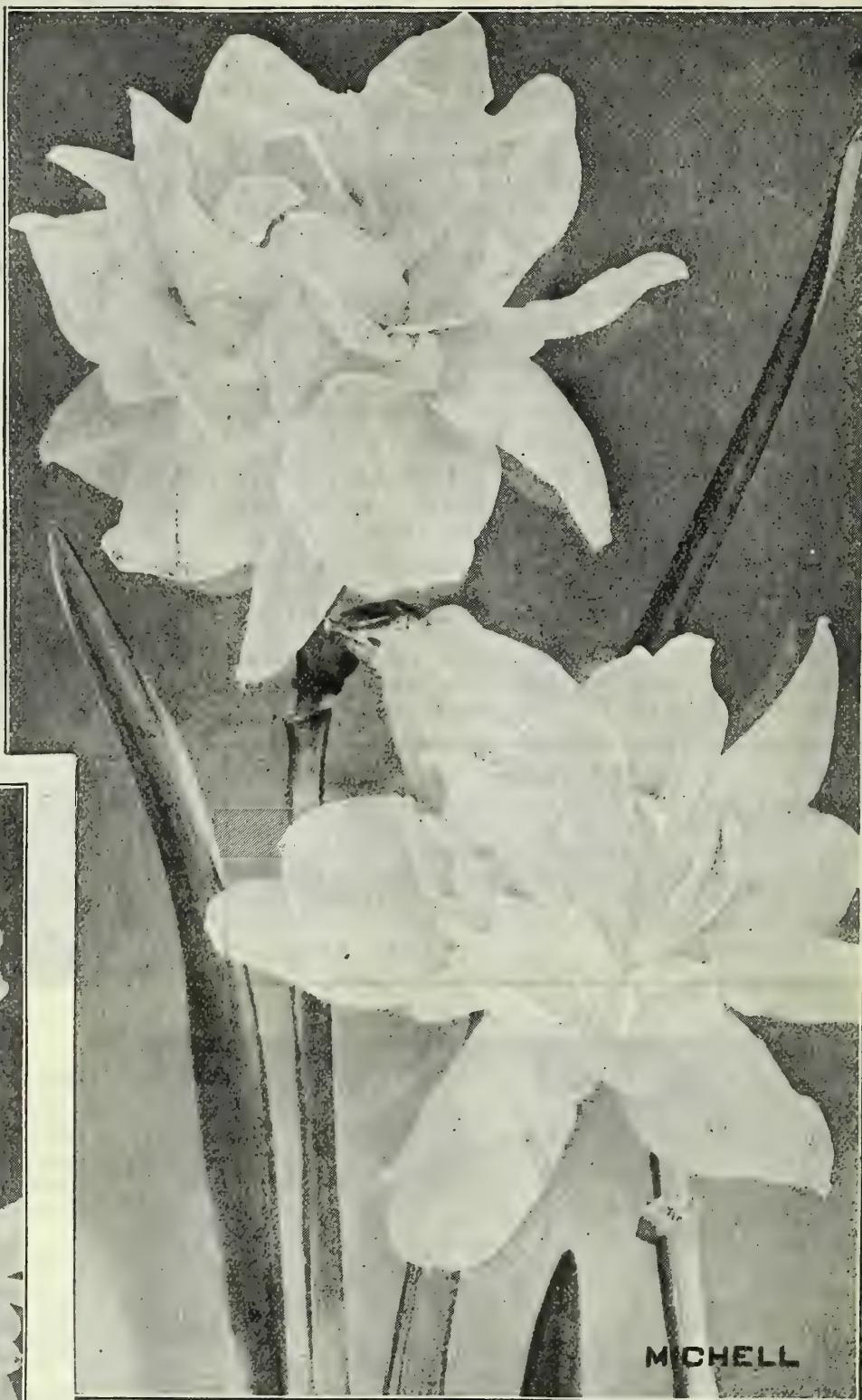
The Narcissus or Daffodil is becoming more popular every year. It is hardy in every way and thrives most anywhere. For naturalizing in woods and fields, nothing equals it. When once established they multiply rapidly and in a short time cover tremendous areas. They can also be used for forcing, for which purpose they are highly desirable. Plant in a pan or pot anywhere from 3 to 12 bulbs, according to size of bulb. After they have been forced and flowered they can be planted out doors for another year's bloom. We offer large bulbs only.

Alba Plena Odorata. A very sweet-scented pure white variety called Double Poets Narcissus; it flowers later than many of the other daffodils, and is not desirable for forcing. It makes a handsome show bedded among perennial plants and shrubbery; height about 15 inches. 3c. each; per doz., 20c.; \$1.00 per 100; \$9.00 per 1000.

Incomparable Double. On account of the peculiar suffusion of the colors in the flower, this variety is also known as "Butter and Eggs." The color is yellow and orange and makes an attractive cut bloom. Its greatest value is for outdoor planting as it does not force so well. Height about 16 in. 3c. each; per doz., 25c.; \$1.50 per 100; per 1000, \$11.50.

Orange Phoenix. A variety similar to the above, except for coloring, which is a light yellow, almost white, with a yellow centre. It is splendid for forcing or pot culture. It is also called "Eggs and Bacon." Height, 16 in. 4c. each; per doz., 30c.; \$2.00 per 100; per 1000, \$15.00.

Sulphur (or Silver) Phoenix. Flowers very large, bluish-white; the centre is sulphur colored; excellent for forcing or outdoor planting. Height, about 18 in. 5c. each; per doz., 50c.; \$3.00 per 100; per 1000, \$25.00.



MICHELL

Michell's Double Narcissus. Monster Von Sion.

Von Sion. (*Telimonius Plenus*.) The true double daffodil. Our stock of these comes from one of the largest daffodil producers in Holland. The color is a pure golden yellow entirely free from green tipped flowers, which are often found in cheap grades. For forcing or outdoor planting it has no equal. It should be planted extensively for naturalizing. Height, about 15 in. Well matured stock.

	Each	Doz.	100	1000
First Size Bulbs	\$.04	\$0.30	\$1.75	\$15.00
Mammoth Size Bulbs	.05	.50	3.00	23.50
Monster Bulbs, producing three or more flowers per bulb,	10c. each	per doz., \$1.00	per 100, \$6.00	per 1000, \$50.00

Double Mixed Narcissus. All shades, varieties and colors. A quantity of these make a handsome investment, and at the low price which they are offered, should be planted extensively. Do not force the mixed narcissus. 2c. each; per doz., 20c.; \$1.10 per 100; per 1000, \$8.00.



MICHELL

Michell's Double Narcissus Alba Plena Odorata.

If desired by mail, add 8c. per doz. for postage. Single Bulbs mailed free.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

POLYANTHUS NARCISSUS

This class of Narcissus is a most interesting one. They may be grown in water and pebbles like Chinese lilies, but they are equally suited for growing in soil. The flowers are produced in clusters, like the illustration, and they are delightfully fragrant. They are not as a general thing hardy, but can be planted outdoors only if afforded liberal protection during winter.

Double Roman. White perianth; with an orange and yellow suffused cup; very free flowering and early. 4c. each; per doz., 25c.; \$1.50 per 100; per 1000, \$12.00.

Gloriosa. A very showy type, with white perianth and orange-yellow cup; very pretty. 4c. each; per doz., 40c.; \$2.50 per 100; per 1000, \$22.00.

Grand Monarque. Large, broad, white perianth with a primrose-yellow cup; a very striking flower. 5c. each; per doz., 35c.; \$2.25 per 100; per 1000, \$18.00.

Grand Soliel d'Or. Rich yellow, with deep red cup. For cutting this is a fine variety, as it makes a grand show. 5c. each; per doz., 40c.; \$2.50 per 100; per 1000, \$20.00.

Paper White Grandiflora, First Size Bulbs. This is quite a specialty with us; of it alone we import almost one million bulbs. It is a pure white, flowering sort; used extensively for forcing as it can be brought into bloom in 8 weeks' time; the stems are very long and it is excellent for bunching. 4c. each; per doz., 40c.; \$1.75 per 100; per 1000, \$15.00.

Paper White Grandiflora, Monster Bulbs. These are a very choice selection of the above and, while the same in character, the flowers are larger and are borne in greater profusion. 6c. each; per doz., 50c.; \$2.25 per 100; per 1000, \$20.00.

White Pearl. A large pure white; very exquisite. 5c. each; per doz., 40c.; \$2.50 per 100; per 1000, \$22.50.

Polyanthus Narcissus, Mixed. All colors and varieties. 4c. each; per doz., 30c.; \$1.50 per 100; per 1000, \$12.50.



Polyanthus Narcissus—Monster Paper White Grandiflora.



Michell's Double Jonquils.

HARDY NARCISSUS IN MIXTURE

We import a very large number of these on account of the popular demand. They are a good investment at any time. For massing in borders, fields, woods and, in fact, anywhere. They more than return their cost in the liberal manner they flower, producing a wide range of color and variety of bloom. We offer large size bulbs only, which can be depended upon for results the first season.

Single Varieties. 15c. per doz.; per 100, \$1.00; \$7.50 per 1000; per 5000, \$65.00.

Double Varieties. 20c. per doz.; per 100, \$1.10; \$8.00 per 1000; per 5000, \$72.50.

SWEET SCENTED JONQUILS

These are perfectly hardy and are suitable for either outdoor planting or forcing. They are delightfully fragrant and are worthy of extensive cultivation.

Single Jonquils. Rich yellow, very fragrant, height 12 inches. 2c. each; per doz., 15c.; 75c. per 100; per 1000, \$6.00.

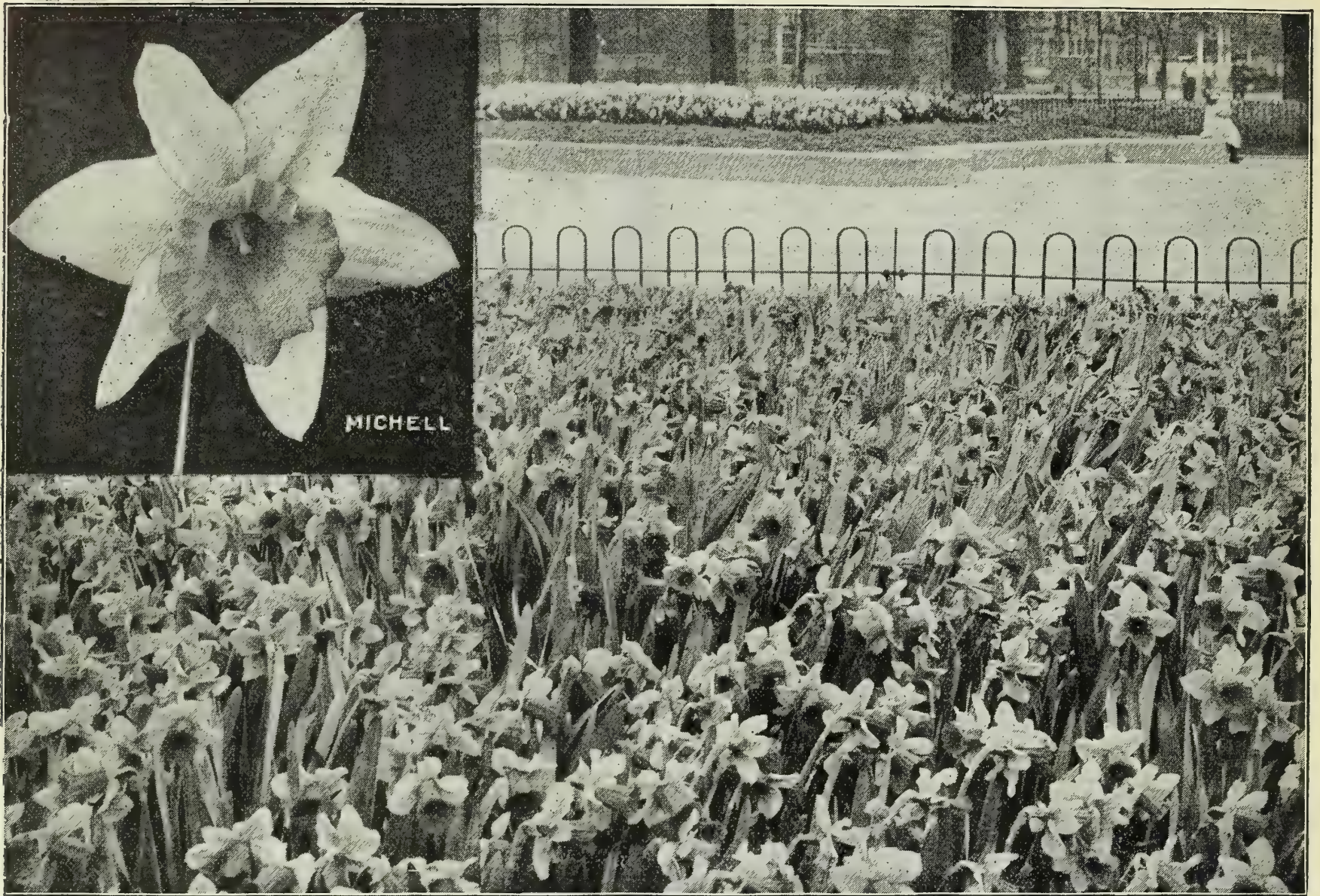
Double Jonquils. Flowers very double, deep golden-yellow, height 12 inches. 4c. each; per doz., 30c.; \$1.75 per 100; per 1000, \$15.00.

Campernelle. Single yellow; a grand forcer. 2c. each; per doz., 20c.; 85c. per 100; per 1000, \$6.75.

Campernelle Rugulosus. Single yellow; larger than the plain Campernelle. 3c. each; per doz., 25c.; \$1.15 per 100; per 1000, \$9.00.

If desired by mail, add 8c. per dozen for postage.
Single bulbs mailed free.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.



The above illustrates a photograph taken in Independence Square, Philadelphia, showing part of 15,000 *Narcissus Emperor*, all Bulbs supplied by us. (Michell's Named Hyacinths in background.)

MICHELL'S SINGLE NARCISSUS OR DAFFODILS

- Albicans.** White perianth primrose trumpet. 5c. each; per doz., 50c.; \$3.00 per 100; per 1000, \$25.00.
- Ard Righ (or Irish King.)** A very early pure yellow sort, well adapted for forcing and pot culture. Height, about 12 in. 5c. each; per doz., 50c.; \$3.50 per 100; per 1000, \$30.00.
- Barril Conspicuis.** A beautiful flower with large spreading yellow perianth; the crown or cup is orange scarlet; free bloomer, best suited to outdoor culture. Height, about 20 in. 3c. each; per doz., 25c.; \$1.50 per 100; per 1000, \$12.00.
- Bicolor Grandee.** Flowers very large with pure white petals, with yellow trumpet; flowering late. Height, about 12 in. Fine for cutting. 4c. each; per doz. 30c.; \$2.00 per 100; per 1000, \$15.00
- Bicolor Victoria.** Perianth pure white, yellow trumpet, flower extra large. 6c. each; per doz., 60c.; \$4.00 per 100; per 1000, \$32.50.
- Biflorus.** A Poeticus type, white and yellow flower. 20c. per doz.; per 100, \$1.25; \$9.00 per 1000.
- Burbidgei.** A very early flowering Poeticus type, white, red eye, 20c. per doz.; per 100, \$1.25; \$9.00 per 1000.
- Campernelle.** See Jonquils, page 13.
- Cynosure.** Perianth primrose stained orange scarlet, with yellow cup. A fine variety for cutting. Height, about 12 in. 3c. each; per doz., 25c.; \$1.25 per 100; per 1000, \$9.00.
- Emperor.** (See cut.) This is the grandest of all single daffodils. The flower is pure yellow of gigantic size. It may well be termed the King of Daffodils. Excellent for forcing or bedding. Height, about 20 inches. 5c. each; per doz., 50c.; \$2.75 per 100; per 1000, \$25.00.
- Emperor (Monster Bulbs).** 10c. each; per doz., \$1.00; \$6.00 per 100.
- Empress.** A beautiful sort with yellow trumpet and pure white perianth, flower almost as large as Emperor. It is the finest of the two-colored daffodils, suited to either forcing or bedding. Height, 20 inches. 5c. each; per doz., 50c.; \$2.75 per 100; per 1000, \$25.00.
- Figaro.** Yellow perianth with orange yellow cup. 3c. each; per doz., 25c.; \$1.25 per 100; per 1000, \$10.00.
- Giant Princeps.** Suited to forcing as well as outdoor planting; trumpet, pure yellow with sulphur-white perianth. 3c. each; per doz., 25c.; \$1.25 per 100; per 1000, \$11.00.
- Glory of Leiden.** A giant flower, pure yellow, for forcing or bedding. 20c. each; per doz., \$2.00; \$14.00 per 100.
- Golden Spur.** One of the finest pure yellow daffodils in cultivation; is very bold and striking, early and free flowering.
Giant Bulbs, 10c. each; per doz., \$1.00; \$6.00 per 100.
First Size Bulbs, 5c. each; doz., 40c.; \$2.50 per 100; per 1000, \$22.50.
- Henry Irving.** A very symmetrical golden yellow variety, fine for pot or garden culture. Height, about 18 in. 4c. each; per doz., 40c.; \$2.75 per 100; per 1000, \$20.00.
- Horsfieldi.** A variety very much like Empress; very early and free flowering. It makes a fine cut flower; suitable for either forcing or outdoor culture; perianth, pure white with yellow trumpet. 5c. each; per doz., 50c.; \$2.75 per 100; per 1000, \$25.00.

Single bulb of *Narcissus* mailed free. For mailing dozen lots, add 8c. per doz., for postage.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S SINGLE NARCISSUS OR DAFFODILS—Continued

Hoop Petticoat. (*Bulbocodium Narcissus*.) This is a small diminutive flower, yet very attractive; color, exquisite golden yellow. It shows off to best advantage when planted in bulb pans; when in flower it presents a blaze of showy yellow. They are dwarf and consequently not suited for cutting, but, on account of their showiness should be planted more largely. Each bulb produces 6 to 8 flowers. Height, about 6 in. 6c. each; per doz., 50c.; \$3.50 per 100; per 1000, \$32.50.

Incomparable Stella. The earliest white and yellow variety to bloom outdoors; the flower is somewhat star-shaped, perianth pure white, with deep yellow cup. Fine for planting in borders or masses; not suitable for forcing. Height, about 12 in. 3c. each; per doz., 20c.; \$1.00 per 100; per 1000, \$8.00.

Leedsii (Mrs. Langtry.) A very free flowering sort, several flowers being produced on one bulb; perianth broad, pure white, with white cup edged yellow. Height, about 12 in. 4c. each; per doz., 30c.; \$1.50 per 100; per 1000, \$12.50.

Obvalaris. (Tenby Daffodil.) Giant pure yellow, fine for out-door planting. 3c. each per doz., 30c.; \$2.00 per 100; per 1000, \$15.00.

Poeticus. (Pheasant's Eye.) A pure white small flowering type with scarlet eye; they are very fragrant, and are valuable for cut flowers; they bloom quite late and are not suited to forcing; fine for naturalizing or planting in clumps. Height, about 15 in. 2c. each; per doz., 15c.; 70c. per 100; per 1000, \$5.00.

Poeticus Ornatus. An improvement on the above type, being fully two weeks earlier; also suited to forcing; the height and appearance of the flower is much like the above. 2c. each; per doz., 20c.; \$1.00 per 100; per 1000, \$8.00.

Sir Watkin. Sometimes called Chalice flower. The bloom is very large for its class, measuring often 5 in. in diameter; perianth, golden yellow with a deep cup or crown; excellent for forcing. Height, about 20 in. 4c. each; per doz., 40c.; \$2.25 per 100; per 1000, \$20.00.

Trumpet Major, (Dutch grown). A grand, pure yellow trumpet type, excellent for early forcing or for planting outdoors. Height, about 16 in. 3c. each; per doz., 25c.; \$1.50 per 100; per 1000, \$12.00.



Single Narcissus (Mrs. Langtry).

Trumpet Major, (French grown). For very early forcing these are very good; the flower is identical with the Dutch grown stock; color, pure yellow. 5c. each; per doz., 40c.; \$2.50 per 100; per 1000, \$20.00.

Wm. Goldring. A pure white trumpet variety one of the very best of its class. 4c. each; per doz., 40c.; \$2.00 per 100; per 1000, \$17.50.

Single Mixed Narcissus. In all shades, varieties and colors. These should be planted and massed in large quantity. They bloom successively, according to variety, during the entire spring and furnish an abundance of cut flowers. They multiply rapidly and do not require replanting. We offer first size bulbs only, made up of named sorts in mixture. 2c. each; per doz., 15c.; \$1.00 per 100; per 1000, \$7.50.

Add 8c. per doz. for postage, if desired by mail. Single bulbs mailed free.



Single Narcissus Poeticus Ornatus. (Natural size.)

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S SUPERB EASTER LILY BULBS

Our Easter Lily bulbs are known far and wide as the best to be had anywhere at any price. Each year sees our importations increase in great proportions. We make a specialty of them and, on account of the enormous quantity we import, we are in a position to get the cream of selection. All Lily bulbs are fully matured, healthy and up to size, in fact we aim to give the largest possible value for the money.

**EASTER SUNDAY IN 1910
COMES ON MARCH 27th**

LILIUM HARRISII

The old favorite Easter Lily; too well-known to need description, except to say that in our "Special Brand" strain we offer something decidedly superior. *Lilium Harrisii* may be planted outdoors if afforded protection during the winter.

Cultural Note on Harrisii.—In order to obtain best results from *Lilium Harrisii* attention to the following brief directions will assist materially: Upon receiving the bulbs, pot them immediately. Place a handful of well-rotted cow manure in the bottom of the pot and place the bulb directly on top, covering it with soil. After watering, place pot in an outside pit and protect from the direct rays of the sun; cover well with soil, ashes or any other suitable litter. When the bulbs have become thoroughly rooted, bring inside, in a temperature of about 60°; let the plants grow slowly under a bench or some other suitable place until about 6 inches high; then place on top of the bench. About two months before Easter they can be brought into a warmer temperature and gradually forced into flower and height at one time. An occasional application of liquid cow manure, starting about six weeks before flowering time, will stimulate the plant wonderfully. *Thorough rooting is the most essential point.*



A Cluster of Michell's Special Brand *Lilium Harrisii*

MICHELL'S SPECIAL BRAND LILIUM HARRISII (True Bermuda Easter Lily)

Noted for freedom from disease, uniformity and free flowering qualities.

Size in Circum.	Each	Doz.	100	1000
5 to 7 inches	\$.10	\$1.00	\$6.25	\$60.00
6 to 7 "	.15	1.50	9.00	85.00
7 to 9 "	.25	2.50	15.00	135.00
9 to 11 "	.50	5.00	27.50	
11 to 13 "	.75	7.50	57.50	

REGULAR BRAND LILIUM HARRISII

Size in Circum.	Each	Doz.	100	1000
5 to 7 inches	\$.09	\$0.90	\$5.50	\$50.00
7 to 9 "	.20	1.80	12.50	110.00
9 to 11 "	.40	4.00	25.00	
11 to 13 "	.60	6.00	45.00	

AZORE LILIUM HARRISII

Grown on the Azores; free from disease; large plump bulbs.

Size in Circum.	Each	Doz.	100	1000
5 to 7 inches	\$.15	\$1.50	\$9.00	
7 to 9 "	.20	2.25	13.50	
9 to 11 "	.40	4.00	27.50	
11 to 13 "	.75	7.50	57.50	

Single Bulbs mailed free at Price quoted. It is advisable to send dozen lots by express, as we can send larger bulbs.

MONSTER EXHIBITION BULBS OF LILIUM HARRISII, especially suited to private gardeners' needs. \$1.00 each; dozen, \$10.00; \$75.00 per 100.

LILIUM PHILIPPINENSE

(Something New.)

An apparently new lily which is coming into prominence. It can be used for indoor or outdoor culture, is considered hardy but the introducers recommend storing the bulbs indoors in winter. We quote their — cultural instructions, viz.: "Use deep pot, not too rich soil; no fertilizers of any kind. Water sparingly until growth begins; when the bloom has died away or been cut off, continue to water the plant till the leaves turn yellow, when the bulbs may be allowed to dry out in the pot and stored away until they are desired to start again. They like and thrive best in a very warm temperature. The flower is pure white and very graceful.

Price: 20c. each; 6 for \$1.00; \$1.75 per doz.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.



Photograph showing part of 4000 Lil. Giganteum in bloom. The grower's Testimonial appears underneath, and his method of culture opposite.

MICHELL'S SUPERB JAPANESE EASTER LILY BULBS Ready in October

TESTIMONIAL

Akron, Ohio, March 15,
It gives us great pleasure to inform you that the 4,000-9-11 size Lil. Giganteum obtained from you last autumn, are turning out exceedingly fine. They will be a sight at Easter.
H. Heepe's Sons.

LILIUM LONGIFLORUM MULTIFLORUM
MICHELL'S SPECIAL BRAND

This brand must not be compared with lower priced bulbs, as it is a distinct selection.

	Each	Doz.	100	1000
6 to 8 in.	\$.08	\$0.80	\$5.50	\$50.00
7 to 9 "	.12	1.30	9.00	75.00
8 to 10 "	.18	1.75	10.50	95.00
9 to 10 "	.25	2.25	12.00	105.00
10 to 12 "	.35	3.50	20.00	185.00

LILIUM LONGIFLORUM GIGANTEUM (True)

This variety is now coming into great prominence on account of its mammoth flowers.

	Each	Doz.	100	1000
6 to 8 in.	\$.10	\$1.00	\$7.00	\$65.00
7 to 9 "	.15	1.60	10.00	90.00
8 to 10 "	.20	2.25	15.00	130.00
9 to 10 "	.25	2.75	18.00	160.00

LILIUM LONGIFLORUM. (The Old Type.)

	Each	Doz.	100	1000
7 to 9 in.	\$.10	\$1.10	\$7.00	\$60.00
9 to 10 "	.20	1.75	12.00	100.00

HOW TO GROW JAPANESE EASTER LILIES

Upon arrival of bulbs pot same at once in 4-inch pots, using coarse soft-coal ashes for drainage in the bottom of pots, giving them a soil composed of sandy loam and well enriched with about 1/3 well rotted horse or cow manure.

Place pots under a dry bench in either a violet or carnation house, soak down with water very heavy, and after two or three days cover the pots with 2 or 3 inches of ashes.

When Easter is early, place lilies on bench after January 1st, giving them a temperature of 60° night and 70° day for about 10 days, then 70° night and 80° day until buds can all be counted.

During this period manure-water them regularly once a week with the following liquid: 1 bushel cow manure (fresh), and one 4-in. pot full of nitrate of soda to each 50 gallons of water.

Spray the foliage once a day (twice a day when clear weather), and keep the house moist otherwise by spraying the walls and walks. It is also very important to never allow the soil to get very dry, and never feed unless the soil is moist.

When the buds can be counted easily, move plants into houses where you can get the temperature down gradually, and finally mulch them with either a little sheep manure or bone-flour.

Lilium Longiflorum Formosum (Ready now)

An improved Japanese Lilium Multiflorum.

Size in Circum.	Each	Doz.	100
6 to 8 inches	\$.15	\$1.50	\$8.00
7 to 9 "	.20	2.25	13.50
9 to 10 "	.30	3.00	18.00

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S HARDY GARDEN LILIES (Ready in October except where noted.)

Nothing affords more pleasure or makes a more handsome display than a bed or border of hardy lilies. During severe weather it is advisable to cover the bulbs with a litter of long manure, leaves or other suitable material to protect them from frost

Auratum. (*Golden Banded Japan Lily.*) Flowers pure white spotted crimson, each flower petal is marked with an orange stripe through centre. The flowers are borne in clusters and frequently measure 6 to 7 inches across top; in bloom from July to October. They are delightfully fragrant. Height, 3½ to 5 feet.
 Large Bulbs 20c. each; per doz., \$2.00; \$15.00 per 100
 Mammoth Bulbs 30c. each; per doz., \$3.00; \$20.00 per 100
 Monster " 40c. each; per doz., \$4.00; \$25.00 per 100

Auratum Platyphyllum. A marked improvement on the old Auratum, which it otherwise represents, except that the flower is of gigantic size, frequently measuring 10 in. across, with heavy foliage. It is probably the finest garden lily in cultivation to-day. Height, 6 to 8 feet; in bloom from July to October.

Large Bulbs 25c. each; per doz., \$2.75; \$18.00 per 100
 Mammoth Bulbs 35c. each; per doz., 3.50; 22.00 per 100

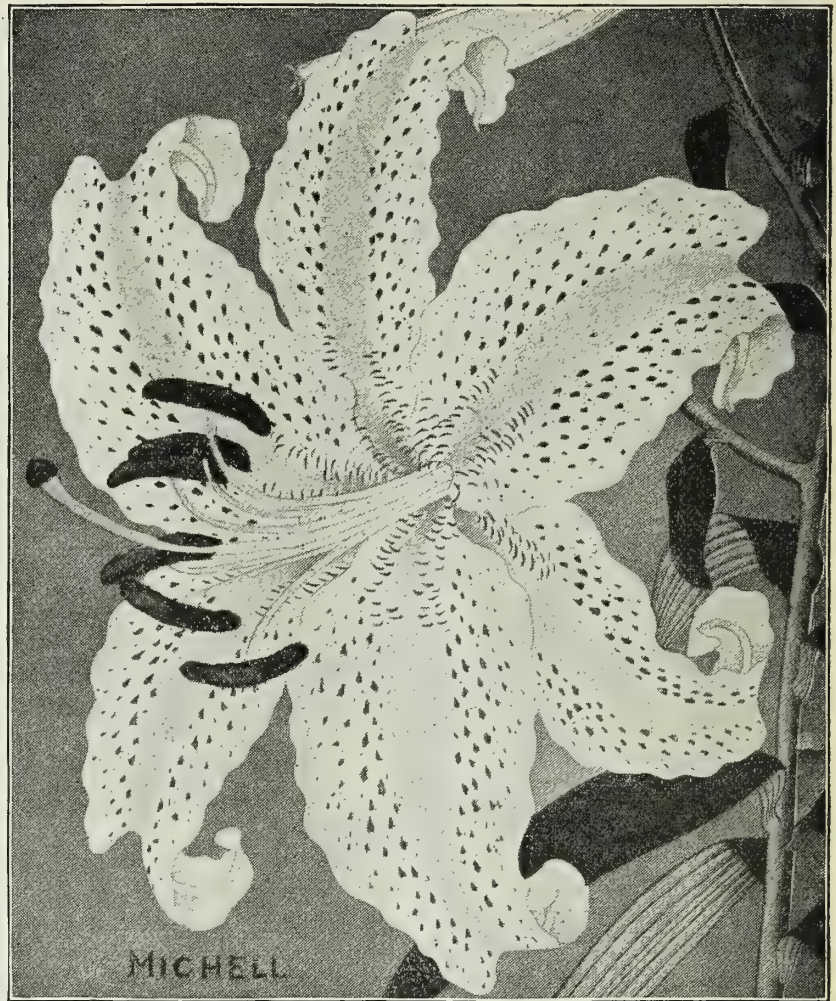
Album. (*Praecox.*) Flowers pure white, with a light greenish streak through the flower petal. It is very fragrant and is an abundant bloomer; flowers measure 5 to 6 inches in diameter, blooming in August. Height, 3 to 4 feet.

Large Bulbs 15c. each; per doz., \$1.50; \$10.00 per 100
 Mammoth Bulbs 25c. each; per doz., 2.50; 15.00 per 100

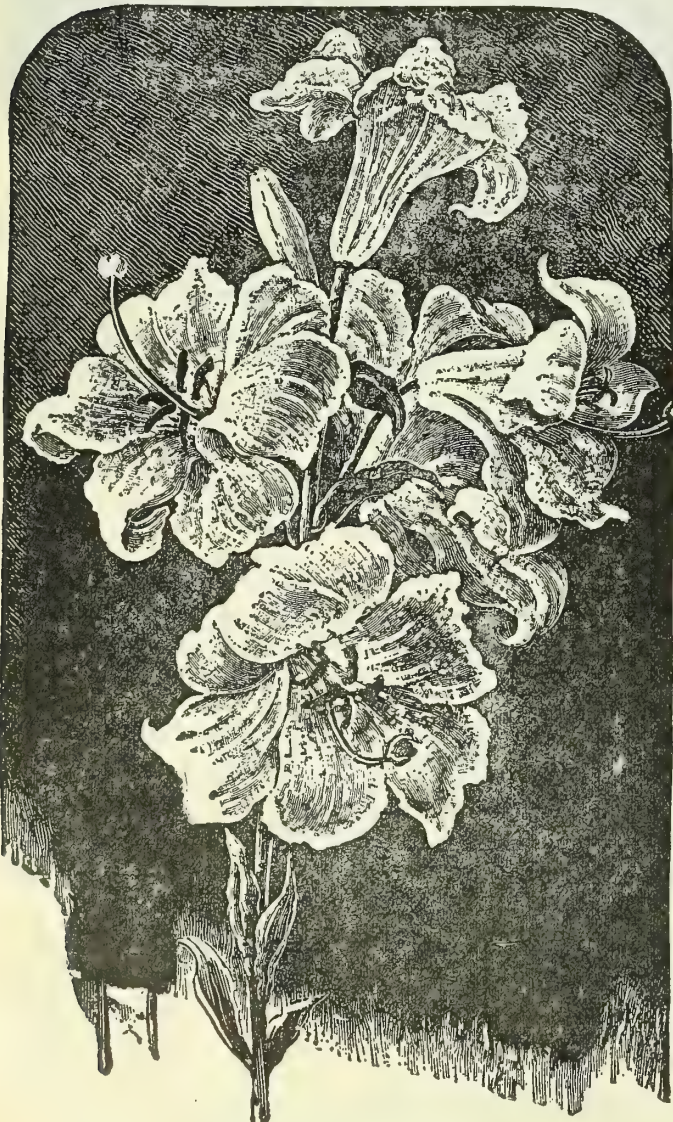
Candidum. (*Annunciation or St. Joseph's Lily.*) A pure white fragrant flower borne in great profusion on long stems 3 to 4 feet high, flowering in June and July. It shows off fine when massed in clusters, where it should be left undisturbed to give best results. Ready now.

Extra Large. 10c. each; per doz., \$1.00; \$7.00 per 100; per 1000, \$65.00

Mammoth Bulbs. 15c. each; per doz., \$1.50; \$10.00 per 100; per 1000, \$90.00



Lilium Auratum Platyphyllum.



Lilium Candidum. (For description see above.)

Album Kraetzeri. An improvement on the old type of Lilium Album, being much larger and strictly pure white. The flowers are very large, measuring 6 to 8 in. when fully expanded. Height, 2½ to 3½ feet, blooming in August.
 Mammoth Bulbs 30c. each; per doz., \$3.00; \$20.00 per 100

Magnificum. A beautiful new variety with flowers almost twice the size of the other types. Color, a very rich red, spotted deep red. It is a tall graceful grower, height about 4 feet, blooming in August.
 Large Bulbs 20c. each; per doz., \$2.00; \$12.50 per 100
 Mammoth Bulbs 30c. each; per doz., 3.00; 20.00 per 100
 Monster " 50c. each; per doz., 5.00; 35.00 per 100

Melpomene. A very rich blood-red, crimson, spotted flowers, large and heavy. Height, 3 to 3½ feet, blooming in August.
 Large Bulbs 15c. each; per doz., \$1.50; \$10.00 per 100

Rubrum or Roseum. Very deep pink, in fact the flower is white, but on account of the heavy markings and spots of crimson, it has a pink appearance. It is one of the finest offered on this page. Height 3 feet, blooming in August.
 Large Bulbs 15c. each; per doz., \$1.50; \$10.00 per 100
 Mammoth Bulbs 25c. each; per doz., 2.50; 15.00 per 100

Rubellum. A compact or dwarf growing lily, producing flowers of a beautiful delicate pink. It blooms in June and July, which is much earlier than most of the improved classes of lilies. The flower is rather elongated but most attractive. Does well in sandy soil, with plenty of drainage. Height, 15 inches.
 Large Bulbs 20c. each; per doz., \$2.00; \$12.50 per 100

Tenuifolium. (*Coral Lily.*) Color, rich orange scarlet. Height, 1 to 2 feet, flowering in May and June; flowers small, foliage very narrow. 15c. each; per doz., \$1.50; \$10.00 per 100.

Tigrinum. Our stock of Tiger Lilies is imported from Japan and will be found to be far superior to home-grown bulbs which are small and produce weak plants. Color, golden orange spotted black, blooms in profusion. It makes a good show when massed in a bed or border. Blooms in July and August.

Splendens. (*Improved Single Tiger Lily.*) 4 to 5 feet high.
 Large Bulbs 10c. each; per doz., \$1.00; \$7.50 per 100

Flore Plena. (*Improved Double Tiger Lily.*) 5 feet high.
 Large Bulbs 15c. each; per doz., \$1.50; \$9.00 per 100

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

CALLA LILY BULBS

Callas require good, rich soil and plenty of warmth and water to make them thrive. The White Calla may also be grown in water. The black variety does not require so much moisture. When through flowering the pots may be laid on their side to allow the tops of bulb to die off. The plant may thus be used another season.

CALIFORNIA GROWN	Each	By mail	Doz.	100
White, Monster Size	\$0.40	\$0.45	\$4.00	\$30.00
" Mammoth Size . . . . .	.25	.30	2.50	17.50
" Medium Size . . . . .	.15	.18	1.50	10.00
" First Size . . . . .	.10	.12	1.00	7.50

JAPANESE CALLAS. The bulbs, while smaller than the California grown stock, produce more blooms compared with the same size bulb.

White, Mammoth Size, each	\$0.30	Doz., \$3.00	100, \$20.00
" Medium Size, " . . . . .	.20	" 2.00	" 15.00
" First Size " . . . . .	.12	" 1.25	" 8.00

BLACK CALLA. Dark flower (ready in October). 15c. each; per doz., \$1.50; \$10.00 per 100.

SPOTTED CALLA. White flower, green foliage spotted white (ready in October). 10c. each; per doz., \$1.00; \$7.00 per 100.

LITTLE GEM CALLA

Our stock of these is genuine, being procured direct from the original source. The plant and flower are indeed a curiosity. In appearance and growth it is just like the White Calla, except that the bloom and plant are much smaller. They are very free bloomers and are excellent for cutting or as pot plants. 10c. each; per doz., \$1.00; \$6.00 per 100.



Little Gem Calla

YELLOW CALLA

(Elliottiana)

A beautiful variety, producing a flower of a golden-yellow color; the foliage is dark green, spotted white. 25c. each; per doz., \$2.50.



White Calla Lily

Single Bulbs of Callas, except where noted, mailed free. Add 10c. per dozen for mailing Black, Little Gem and Spotted Varieties.

TESTIMONIAL

I have been buying all my bulbs from another firm in years gone by, but last season I purchased some of the same sorts of bulbs from them and part from your house. Yours proved to be most satisfactory in every way while those from the other firm turned out in many cases to be blind.—MRS. MARY CRISWELL, Vandergrift, Pa.

CHINESE SACRED LILY

These beautiful flowers are deliciously fragrant and are produced in great abundance. The best effect may be had by planting three or more bulbs in a cluster. This is usually done in bowls, with pebbles and water, although they may also be grown in soil. After planting, place the bulbs in a dark, cool place until the bud appears in the stem; then bring to the light. Care should be taken at all times to see that they have an abundance of water. Many failures of Chinese Lilies to bloom are caused by keeping them in too warm a room; also by gases and dry heat. It is best to keep them in a cool room until the buds have burst. They flower in six weeks from time of planting. Color white, suffused yellow. We handle only blooming size bulbs.

Large Bulbs—10c. each (by mail, 13c.); 3 for 25c. (by mail, 35c.); 90c. per doz.; \$2.00 per basket of 30 bulbs.

Mammoth Bulbs—15c. each (by mail, 18c.); 2 for 25c. (by mail, 30c.); \$1.50 per doz.; \$3.50 per basket of 30 bulbs.

GOLDEN CHINESE LILY

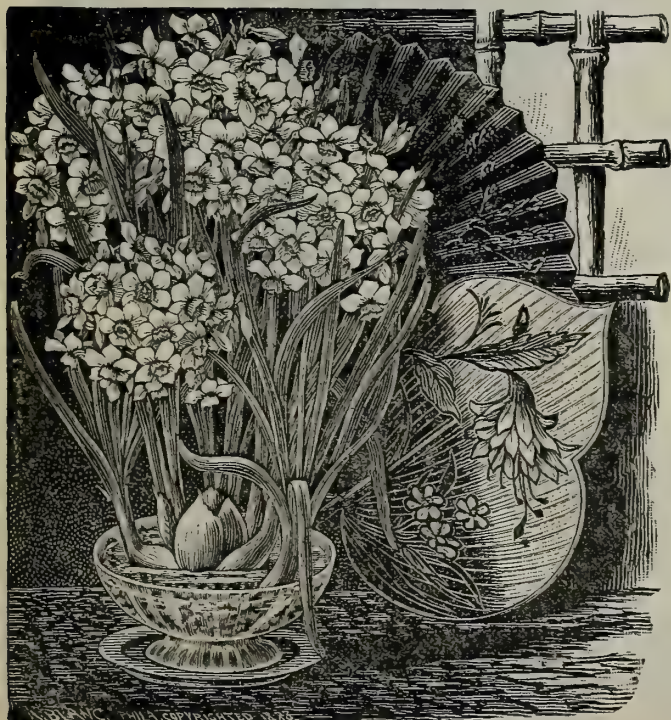
A beautiful variety. The center cup is deep yellow while the perianth is lighter. Treat exactly the same as the regular Chinese Lily. Very fragrant.

Large Bulbs—5c. each; per doz., 50c. (by mail, 65c.); \$3.50 per 100.

BOWLS FOR CHINESE LILIES. Glass, for one bulb—15c. each; per doz., \$1.50. Glass, for three bulbs—25c. each; per doz., \$2.50.

IMARI OR JAPANESE BOWLS. Small—20c. each; per doz., \$2.00. Medium—30c. each; per doz., \$3.00. Large—40c. each; per doz., \$4.00. (Chinese Lily Bowls cannot be mailed.)

PEBBLES for Chinese Lilies. Carefully screened and selected. 8c. per qt. 2 qts., 15c.; 40c. per peck; bushel, \$1.25. (Pebbles cannot be mailed.)



Chinese Sacred Lily

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MISCELLANEOUS FLOWERING BULBS

ACONITE—WINTER. (*Eranthis Hyemalis*.)

A very early golden yellow flowering bulb blooming with the Snowdrop. The foliage is quite dense and remains after the flower has died down. Aconite should be planted where it is shaded, preferably in a moist location; perfectly hardy. Height, about 6 inches. Dozen and 100 lots mailed free. 3c. each; 20c. per doz.; per 100, \$1.00; \$7.50 per 1000.

ALLIUM

Neapolitanum. Used exclusively for indoor culture in pots and pans. It is especially adapted for forcing and makes an excellent cut flower; color pure white. Height 12 inches. It is not hardy, so cannot be planted outdoors. Dozen and 100 lots mailed free. Each, 3c.; 20c. per doz.; per 100, \$1.00; \$7.00 per 1,000.

AMARYLLIS

Nothing equals the grand Amaryllis for variety of color, and for ease of culture. They usually flower in two or three weeks after planting. They are not hardy, so must not be planted outdoors. When the bulb has discontinued flowering it may be allowed to die off at the top, the bulb can then be cured and used another season. Keep in the dark for about 1 week when starting, and water liberally. Do not plunge the entire bulb in the pot, but cover it about half way up.

- Belladonna Major.** Bright pink. 15c. each; per doz., \$1.50.
- Formosissima.** (*Jacobean Lily*.) Crimson. 10c. each; per doz., \$1.00.
- Hybrids of Vittata.** A mixture of fancy unnamed sorts containing some handsome types. 50c. each; per doz., \$5.00.
- Johnsoni.** Red, striped white, very large flowering. *Large Bulbs*, 30c. each; per doz., \$3.00. *Mammoth Bulbs*, 50c. each; per doz. \$5.00.
- Treata Alba** (*Zephyranthes*). A very small flowering white variety, with grass-like foliage. 5c. each; per doz., 40c., (postpaid); \$3.00 per 100.
- Treata Rosea** (*Zephyranthes*). Just like the above, except for color, which is a beautiful pink. 5c. each; per doz., 40c., (postpaid); \$3.00 per 100.

Amaryllis Giant Flowering.	Crimson	Each, postpaid	Doz.
"	Orange Red	\$1.00	\$10.00
"	Red, striped white	1.00	10.00
"	White, striped red	1.00	10.00

Add 3c. per bulb for mailing Amaryllis except where noted.

ANEMONE (Windflower)

One of our most attractive winter and spring flowering bulbs. They are excellent for forcing in pots for house or conservatory blooming; also perfectly hardy if planted outdoors. Height, about 10 inches. Dozen lots mailed free.

- Single Scarlet.** 3c. each; per doz., 20c.; \$1.25 per 100, (postpaid, \$1.40); \$10.00 per 1000.
- Fulgens.** Single scarlet, very large. 4c. each; per doz., 30c.; \$2.00 per 100, (postpaid, \$2.15); \$17.50 per 1000.
- Single Mixed.** All colors. 3c. each; per doz., 20c.; \$1.00 per 100, (postpaid, \$1.15); \$7.50 per 1000.
- Double Mixed.** All colors. 3c. each; per doz., 25c.; \$1.50 per 100, (postpaid, \$1.65); \$12.00 per 1000.
- The Bride.** Single white, very fine. 3c. each; per doz., 20c.; \$1.00 per 100; \$7.50 per 1,000.

ANOMATHECA CRUENTA (*Scarlet Freesia*.) (*Ready in November*.)

This little bulb produces an attractive scarlet flower much resembling the favorite Freesia. It is used principally for forcing indoors, but may be planted out if protected during winter. The flowers, which are borne in great profusion, are a rosy scarlet, spotted crimson on the three lower petals. Price includes postage on dozen and 100 lots. 3c. each; per doz., 20c.; \$1.25 per 100; \$10.00 per 1000.



Begonia.

BEGONIAS (*Tuberous Rooted*.)

(*Ready in December*.)

These bulbs can be used for spring bedding as well as for early flowering indoors. They cover a wide range of colors as given below. The flower makes a beautiful contrast with the dark green foliage. Begonias are not hardy, and cannot be left outdoors during winter.

SINGLE BEGONIAS

	Each	Doz.	100
Crispa. Crinkled, mixed	\$0.20	\$2.00	\$15.00
Crimson	.10	1.00	6.00
Orange	.10	1.00	6.00
Pink	.10	1.00	6.00
Scarlet	.10	1.00	6.00
White	.10	1.00	6.00
Yellow	.10	1.00	6.00
Mixed	.07	.70	5.00

DOUBLE BEGONIAS

	Each	Doz.	100
Crimson	\$0.15	\$1.50	\$10.00
Orange	.15	1.50	10.00
Pink	.15	1.50	10.00
Scarlet	.15	1.50	10.00
White	.15	1.50	10.00
Yellow	.15	1.50	10.00
Mixed	.12	1.20	8.50

Please add 10c. per dozen for mailing Begonias. Single bulbs mailed free.



Allium Neapolitanum.



Fancy Giant Amaryllis



Single Anemone-Fulgens.



Chionodoxa

CHIONODOXA (Glory of the Snow)

One of the first flowers to appear in the spring. They make a handsome show, each bulb producing several flower spikes. They are perfectly hardy and do not need any protection. They are frequently planted in masses on a lawn like Crocus. For edging other early flowering bulb beds they are well suited. Height about 6 inches. Dozen and hundred lots mailed at prices quoted below.

Gigantea. Large flowers; color lilac blue, white centre. 25c. per doz.; per 100, \$1.50; \$10.00 per 1000.

Lucillæ. Bright blue with white centre. 15c. per doz.; per 100, \$1.00; \$8.00 per 1000.

Sardensis. Very deep blue with white centre. 15c. per doz.; per 100, \$1.00; \$8.00 per 1000.



Crown Imperial "Crown upon Crown"

COLCHICUM AUTUMNALE (Giant Autumn Flowering Crocus)

An attractive autumn flowering bulb. The flowers appear in the autumn while the leaves appear the following spring. They are perfectly hardy and do not require replanting. Grand for planting in woods, meadows, amongst shrubbery, etc. The colors comprise the various shades of lavender, purple and rose. Height 6 inches. **Very Large Bulbs.** 5c. each; per doz., 50c.; (postpaid 60c.); \$3.50 per 100.

CROWN IMPERIAL (*Frittilaria Imperialis*)

This bulb is not given the attention that is due it, for nothing makes a more striking or brilliant show than a cluster of Crown Imperials. It is hardy in every way, but we recommend a slight protection during winter. When planted three or four in a clump they give the best effect. The bulb produces a stem 3 to 4 feet long with a cluster of bell-shaped flowers at the top, which are gorgeous in coloring. We offer mammoth bulbs.

	Each	Doz.	100
Single Red	\$.20	\$2.00	\$15.00
Single Orange . . . . .	.25	2.50	18.00
Double Red (Crown upon Crown) . . . . .	.30	3.00	20.00
Single Mixed . . . . .	.12	1.25	8.00

CROCUS

Nothing can be had for so small an outlay that will produce the effect of a planting of Crocus bulbs. They should be put in the lawn, in the woods and wherever a place is available. The bright colored flowers appear almost as soon as the snow is away and makes one feel as though spring were actually at hand. For edging around perennial borders they are grand. They should be put in double or triple rows. We recommend for fine effect, planting the Giant Named varieties.

MICHELL'S GIANT NAMED VARIETIES

	Doz.	100	1000
Baron von Brunow. Deep blue	15c.	75c.	\$6.50
Cloth of Gold. Rich yellow, brown veins	15c.	75c.	6.50
Cloth of Silver. Silvery white, striped lilac	15c.	75c.	6.50
Mont Blanc. Pure white	15c.	75c.	6.50
Purpurea Grandiflora. Fine purple	15c.	75c.	6.50
Sir Walter Scott. White, striped purple	15c.	75c.	6.50

EXTRA LARGE CROCUS IN SEPARATE COLORS

	Doz.	100	1000
Blue and Purple	\$.12	\$0.45	\$4.00
White . . . . .	.12	.45	4.00
Striped . . . . .	.12	.45	4.00
Yellow. First size . . . . .	.12	.45	4.00
Yellow. Mammoth size . . . . .	.20	1.00	7.50
Yellow. Giant size . . . . .	.25	1.35	10.00
Mixed. All colors . . . . .	.10	.35	3.25

Dozen lots of Crocus mailed free. Add 10c. per 100 for postage.



Michell's Giant Named Crocus

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

DIELYTRA SPECTABILIS (Bleeding Heart)

Ready in November. A very ornamental spring-flowering plant. The flowers, which are heart-shaped, are produced on long drooping stems, of a beautiful rose and white color combination. It is the earliest spring plant to flower, with the exception of some bulbs. After the flower has bloomed away, the plant makes a very attractive appearance with its foliage. In order to make strong root development, the top may be cut away to the ground after the foliage has thoroughly developed. Dielytra forces very readily and is very attractive in a greenhouse or conservatory. We offer very strong, large roots. 15c. each (by mail, 20c.); per doz., \$1.50; \$10.00 per 100; per 1000, \$90.00.

GLADIOLUS (Ready in November).

The two varieties we offer below are very well suited to greenhouse culture, where they may be planted on carnation benches and in almost any place where they will get light and water. They produce long spikes of beautiful flowers, and are fine for cutting.

Bride. Pure glistening white, 3c. each; per doz., 20c.; \$1.25 per 100; per 1000, \$8.50.

Blushing Bride. Rosy white with carmine blotches. This new and very fine gladioli is worthy of extensive cultivation. 4c. each; per doz., 30c.; \$1.50 per 100; per 1000, \$12.00.

GLOXINIAS (Ready in December).

Our strain of these is very large flowering. The gloxinia is easily succeeded with in either house or conservatory. They like a shaded place, reasonably warm, and plenty of moisture. We offer mixed and separate colors as below.

Blue	White Bordered Blue
Scarlet and Red	White Bordered Scarlet
Spotted and Tigered	White (Pure)

Any of the above separate color gloxinias, 15c. each; per doz. \$1.50 (by mail, \$1.65); \$7.00 per 100.

Choicest Mixed Gloxinias. 10c. each; per doz., \$1.00 (by mail, \$1.15); \$6.00 per 100.

FREESIA

A beautiful white flower of exquisite fragrance. A continuance of them in flower can be had from Christmas until early summer, if planted at intervals of two or three weeks. Put them in pots or pans, 6 or 8 bulbs at a time, and place them in the light. Unlike most other bulbs, they make root and top growth at one time and become weakened if put in the dark. The flower stem is 8 to 10 inches long, and therefore it makes valuable for cutting.

Bermuda. Pure white, First size bulbs, 3c. each; per doz., 20c.; \$1.00 per 100; per 1000, \$8.00.

Bermuda. Pure white, Mammoth bulbs, 4c. each; per doz., 30c.; \$1.50 per 100; per 1000, \$10.00.

California. White, with yellow throat, First size bulbs, 2c. each; per doz., 15c.; 75c. per 100; per 1000, \$6.00.

California. Mammoth bulbs, 3c. each; per doz., 20c.; \$1.25 per 100; per 1000, \$9.00.

California. Monster bulbs, 5c. each; per doz., 35c.; \$2.00 per 100; per 1000, \$15.00.

Fischer's Purity. This is the grandest freesia ever offered. The flowers are almost twice the size of the regular type; they also differ somewhat, being a pure glistening white; the stems are often 15 inches long and very wiry, rendering it a most valuable cut flower. Each bulb will produce 3 or 4 flower stems.

	Each	Doz.	100	1000
First Size Bulbs	\$0.04	\$0.40	\$2.75	\$22.50
Mammoth Size Bulbs . . . . .	.08	.75	4.50	30.00
Monster " " . . . . .	.10	1.00	5.00	45.00

Leichtlini. Large, pure yellow, very fragrant. 3c. each; per doz., 25c.; \$1.50 per 100.



Dielytra Spectabilis. (Bleeding Heart.) (See description at top of page)



Fischer's Purity Freesia (See description opposite).

TESTIMONIAL ON MICHELL'S FREESIAS

I wish you could see the Mammoth Freesia Bulbs in flower, which I got from you. They are marvelous. I am getting 200 cut blooms a day from them.

St. Martins, Pa.

Mrs. J. J. H.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

IRIS (Fleur de Lis)

The Iris is rapidly coming to the front as one of our most useful, as well as beautiful, flowering perennials. They thrive most anywhere, requiring little or no attention, multiplying rapidly.

ENGLISH IRIS. These are similar to the Spanish Iris, but the flower is larger and also blooms earlier; perfectly hardy. Height about 20 inches.

Mixed Colors \$0.03 \$0.25 \$0.30 \$1.50 12.50
GERMAN IRIS. This is the early flowering class one sees so much in May and June.

Named Varieties. Separate \$0.15 \$0.20 \$1.50 \$10.00
Mixed. All varieties10 .15 1.00 6.00

JAPANESE IRIS (Kaempferi). This is the grandest of all Iris. Blooming in July; the flowers are gigantic and of great substance. They will keep a long time when cut and placed in water.

Named Varieties. Separate \$0.25 \$0.30 \$2.50 \$15.00
Mixed. All varieties15 .20 1.50 10.00

SPANISH IRIS. This is just like a miniature Orchid, in fact it is more attractive than many of the latter. The flowers are beautiful and very delicate. They may be used for bedding outdoors or for forcing. While they are hardy we recommend a covering of litter to protect them during the severest part of winter.

Alex. Von Humboldt. Light blue . \$0.02 \$0.15 \$1.00 \$1.10 \$7.50
Blanche Superbe. Pure white . . .02 .15 1.00 1.10 7.50
Jaune Brillante. Beautiful yellow .02 .15 1.00 1.10 7.50
Thunderbolt. A handsome bronze . .20 1.25 1.35 9.00
Mixed. All colors12 .75 .85 5.00

IRIS SUISIANA (Mourning Iris). The flowers are very large, of a peculiar coloring, being a bluish tinted dark and covered with a network of veinings. 12c. each; per doz., \$1 25; \$9.00 per 1000.



Spanish Iris

IXIAS

A charming little stove and conservatory bulb. It may also be planted outdoors if put in a protected position with plenty of covering during winter, in well-drained soil. The flower is very brilliant; produced on slender stems about 10 inches long.

Crateroides. A brilliant scarlet variety; forces very readily. 3c. each; per doz., 25c.; \$1.50 per 100; per 1000, \$12.00.

Mixed. All colors; containing every imaginable color. 12c. per doz.; per 100, 75c.; \$6.00 per 1000.

LACHENALIA (Cape Cowslip)

A most profuse blooming bulb; very early; for indoor culture only. They should be grown in a cool place, where they will remain in bloom for six weeks.

Pendula. Vermilion, tipped green and purple; very odd. 20c. each; per doz., \$2.00; \$12.50 per 100.

LILY OF THE VALLEY

(Ready in December except where noted.)

A beautiful pure white flower; principally used for winter forcing. Very fragrant and produced in abundance. For indoor culture plant about 25 pips or roots in a 7-inch pot or pan, place outside, where they should be left until they have been subjected to several nights' freezing, which brings them into flower more readily. When grown outdoors always plant in a shaded place, preferably moist. They bloom in four weeks inside and, if planted at intervals, a succession of flowers can be had all winter.

Michell's Berlin Pips. For forcing. 25c. per doz. (by mail, 30c.); 40c. for 25; \$1.50 per 100; per 1000, \$12.50.

Dutch Pips. (Ready in November). For outdoor culture. 20c. per doz. (by mail, 25c.); 35c. for 25; \$1.25 per 100; per 1000, \$11.00.

Michell's Mammoth Russian. This is the finest strain of Valley procurable. 40c. per doz.; per 100, \$2.50; \$18.00 per 1000.

Clumps. (Ready in November). For outdoor planting only. 25c. per clump; per doz., \$2.50; \$18.00 per 100.

Cold Storage. Berlin, \$2.50 per 100; per 1000, \$22.50. Russian, \$3.00 per 100; per 1000, \$25.00.



A Cluster of Michell's Mammoth Russian Lily of the Valley

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

ORNITHOGALUM ARABICUM (Star of Bethlehem)

A pure white spring-flowering bulb, perfectly hardy, will also force indoors. 5c. each; per doz., 40c.; \$2.50 per 100; per 1000, \$22.50.

OXALIS

A free flowering house bulb which can be brought into flower in 6 to 8 weeks. Plant the bulbs in pots or pans about 6 bulbs to each, place them in a dark, cool place until thoroughly rooted, when they may be brought to the light. Oxalis are susceptible to insects from which they may be kept free, by an occasional sprinkling of tobacco dust. The bulbs are not hardy, so cannot be planted outside. They are well adapted to hanging baskets, with the exception of the Grand Duchess variety, which makes a fine pot plant.

Bermuda Buttercup. Pure yellow, free flowering variety, for pots.

Large bulbs. 3c. each; per doz., 25c.; \$1.50 per 100; per 1000, \$10.00.

Monster bulbs. 5c. each; per doz., 50c.; \$3.00 per 100; per 1000, \$22.50.

Bowei. A large flowering sort; color, rich pink, very beautiful.

Large Bulbs, 3c. each; per doz., 25c.; \$1.50 per 100; per 1000, \$10.00.

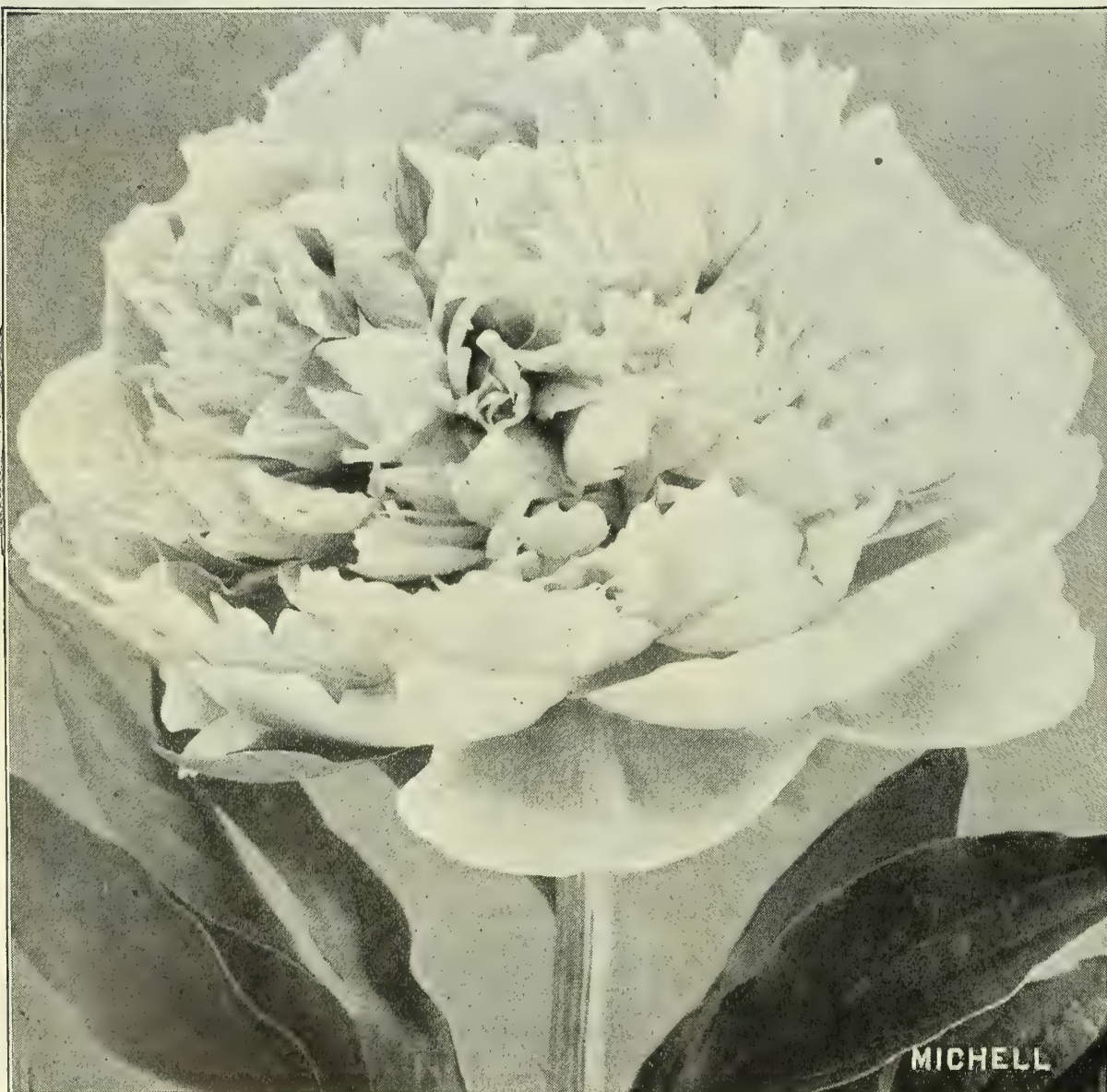
Mammoth Bulbs, 6c. each; per doz. 60c.; \$4.00 per 100; per 1000, \$35.00.

Grand Duchess. A distinct bushy upright growing variety, suited best for pot culture; the flowers are very large, often measuring as large as a silver dollar.

	Each	Doz.	100	1000
Grand Duchess. Yellow	.04	.35	2.00	15.00
Grand Duchess. Lavender	.03	.25	1.50	10.00
Grand Duchess. White	.03	.25	1.50	10.00
Grand Duchess. Pink	.03	.25	1.50	10.00
Double Yellow	.04	.30	1.75	12.00
Pink	.03	.25	1.50	10.00
Versicolor. Red, Violet and White	.03	.25	1.50	10.00
White	.03	.25	1.50	10.00
Yellow. Single	.03	.25	1.50	10.00
Mixed. All colors	.02	.15	1.00	8.00



Bermuda Buttercup Oxalis.



MICHELL

Michell's Double Hardy Paeonies.

MICHELL'S HARDY DOUBLE PÆONIES

(Ready in October.)

These are another class of plants that have come into general favor in later years. They are well worthy of any attention bestowed upon them, for nothing makes a more gorgeous or lasting show than a bed of paeonies. They are perfectly hardy and need no attention after planting.

MICHELL'S GIANT FLOWERING PÆONIES

We offer a special selection of very large clumps, which if planted this fall, will bloom next spring. For an immediate effect these cannot be surpassed. **Pink, White and Red** in separate colors. 35c. each, (3 for \$1.00); \$3.50 per doz.; per 100, \$20.00.

Paeony Festiva Maxima Alba. A grand white variety, streaked carmine in centre of flower, very early to bloom and quite fragrant. 50c. each, (3 for \$1.25); \$5.00 per doz.; per 100, \$35.00.

REGULAR DOUBLE PÆONIES

Pink, Red and White in large clumps, with 3 to 5 eyes each. 25c. each; per doz., \$2.50; \$16.00 per 100.

Paeony Tenuifolia. A beautiful red sort, like a Jack rose, with fine foliage, blooms very early. 35c. each; per doz., \$3.50; \$25.00 per 100.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.



MICHELL'S
Giant Flowering
PAEONIES

Red, White and Pink

LARGE CLUMPS

25c. each, \$2.50 per dozen, \$15.00 per 100

WEDDING & CO. ROCK, N. Y.



MICHELL'S Japanese Iris

Large Clumps

	Each	Dozen	100
NAMED VARIETIES:	25c.	\$2.50	\$15.00
MIXED COLORS:	15c.	1.50	10.00

RANUNCULUS OR BUTTERCUPS

A very dwarf growing bulbous plant, blooming very profusely. They are perfectly double in form and look like a small Anemone. For growing indoors they are very desirable; they may also be planted outside in borders with protection.

	Each	Doz.	100	1000
Double Persian. Mixed	\$0.02	\$0.15	\$0.75	\$6.00
Double French. Mixed . . . .	.02	.15	.75	6.00
Double Turban. Mixed . . . .	.02	.15	.75	6.00

SCILLA SIBERICA (Squills)

A pretty blue flower, making an attractive combination when planted with Snowdrops or Crocus. They flower very early and remain in bloom some time. For growing in pots or pans they are also desirable. Planted in hyacinth and tulip beds as background they show off nicely, coming into flower before either of the above. We import large bulbs only. Each, 3c.; 20c. per doz.; per 100, \$1.25; \$10.00 per 1000.

A Handsome Show can be obtained if you plant one or more beds of late tulips offered on pages 10 and 11.

SPARAXIS

A small bulb bearing a very large flower on long, graceful stems; they resemble somewhat the lilia in shape. The range of colors is very great and they are most attractive for indoor blooming as they are not hardy.

Mixed Colors. 2c. each; per doz., 15c.; 75c. per 100; per 1000, \$6.00.

SNOWDROPS (Galanthus)

This is the first flower to appear in the spring and may invariably be seen in flower with snow and ice around it. They should be planted in masses or clumps, otherwise they are not conspicuous. Color pure white. Snowdrops can be flowered indoors during winter where they do well.

	Each	Doz.	100	1000
Single. Large bulbs	\$0.02	\$0.15	\$0.75	\$6.50
Single. Elwee's Giant. Monster bulbs . . . . .	.02	.15	.75	6.50
Double. Large bulbs . . . . .	.03	.25	1.50	12.00



Elwee's Giant Snowdrops (See opposite)

SPIREA (Ready in November)

This is a favorite Easter flowering plant rivaling with the lily. The root is forced principally, but is also suited for outdoor planting, where it blooms in June. Our Spirea clumps are very large and cannot be mailed to advantage.

Astilboides Floribunda. A very plummy, fluffy variety; pure white. 15c. each; per doz., \$1.25; \$7.00 per 100.

Blondin. A large, thrifty plant, yielding an abundance of bloom. 20c. each; per doz., \$2.00; \$12.50 per 100.

Compacta Multiflora. Of dwarf habit, very compact growth; pure white. 15c. each; per doz., \$1.25; \$7.00 per 100.

Gladstone. One of the newer varieties. It is the best white sort in existence to-day, producing an immense plant with a mass of flowers.

Large clumps: 20c. each; per doz., \$2.00; \$12.50 per 100.
Monster clumps: 35c. each; per doz., \$3.75; \$20.00 per 100.

Japonica. The old type of Spirea, growing taller than the other sorts. 15c. each; per doz., \$1.00; \$6.00 per 100.

McKinley. A good, new, white variety. 20c. each; per doz., \$2.00; \$12.50 per 100.

Queen Alexandra (New). A beautiful shade of pink. Being an offspring of the Gladstone, it requires the same cultural methods. The plant should be shaded as it comes into bloom in order to bring the flower to full perfection. This is the only satisfactory pink forcing Spirea on the market. Large clumps: 40c. each; per doz., \$4.00; \$7.50 for 25; per 100, \$27.50.

Washington. This variety is similar to Gladstone but does not stand forcing so well. The flowers are pure white and borne in great profusion. Large clumps: 20c. each; per doz., \$1.50; \$10.00 per 100.

Monster clumps: 35c. each; per doz. \$3.75; \$20.00 per 100.



New Pink Spirea, Queen Alexandra (See opposite)

WATSONIA (Ardnel O'Brien)

A beautiful pure white Gladioli-like flower; for indoor planting; each stem produces from 25 to 40 flowers. To obtain the best results in the cultivation of Watsonia Ardneli it is important that the bulbs be given perfect drainage and, where possible, a good loamy soil to which there has been added a liberal dressing of well-rotted manure. Owing to the height of the plants when in bloom it is advisable to stake them, as it prevents their breaking off at the surface of the ground.

Strong bulbs: 20c. each; per doz., \$2.00; \$15.00 per 100.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

GARDENIA FLORIDA (Cape Jessamine)

These are very fine for winter flowering in greenhouses and conservatories. They are also suitable for growing out doors, flowering in the early summer (they are not hardy). The color is pure white, delightfully fragrant.

	Each	Per doz.	Each	Per doz.	
3 in. pot plants .	\$0.25	\$2.50	6 in. pot plants .	\$0.75	\$7.50
4 in. pot plants .	.35	3.50	Specimen plants .	1.25	14.00



Single Violet Luxonne

FIELD GROWN VIOLET PLANTS

We offer very large field grown clumps that will give immediate effect. They are grown and cultivated with great care and will be found superior in every way, free from disease and rust. Violets are not mailable owing to the large size of the clumps we send out.

SINGLE VARIETIES

California. One of the largest single blue violets in cultivation. Free and continuous bloomer.

La France. Very large; one of the very best long stemmed sorts.

Luxonne. The very best large single blue variety. It is of a beautiful rich soft violet color, with strong stout stems from 9 to 12 inches long, very fragrant.

Princess of Wales. A very large sort. Stems long and stout, excellent for bunching.

Price of extra large clumps: 20c. each; per doz., \$2.00; \$12.00 per 100.

DOUBLE VARIETIES

Lady Hume Campbell. A fine light blue sort, excellent for late use.

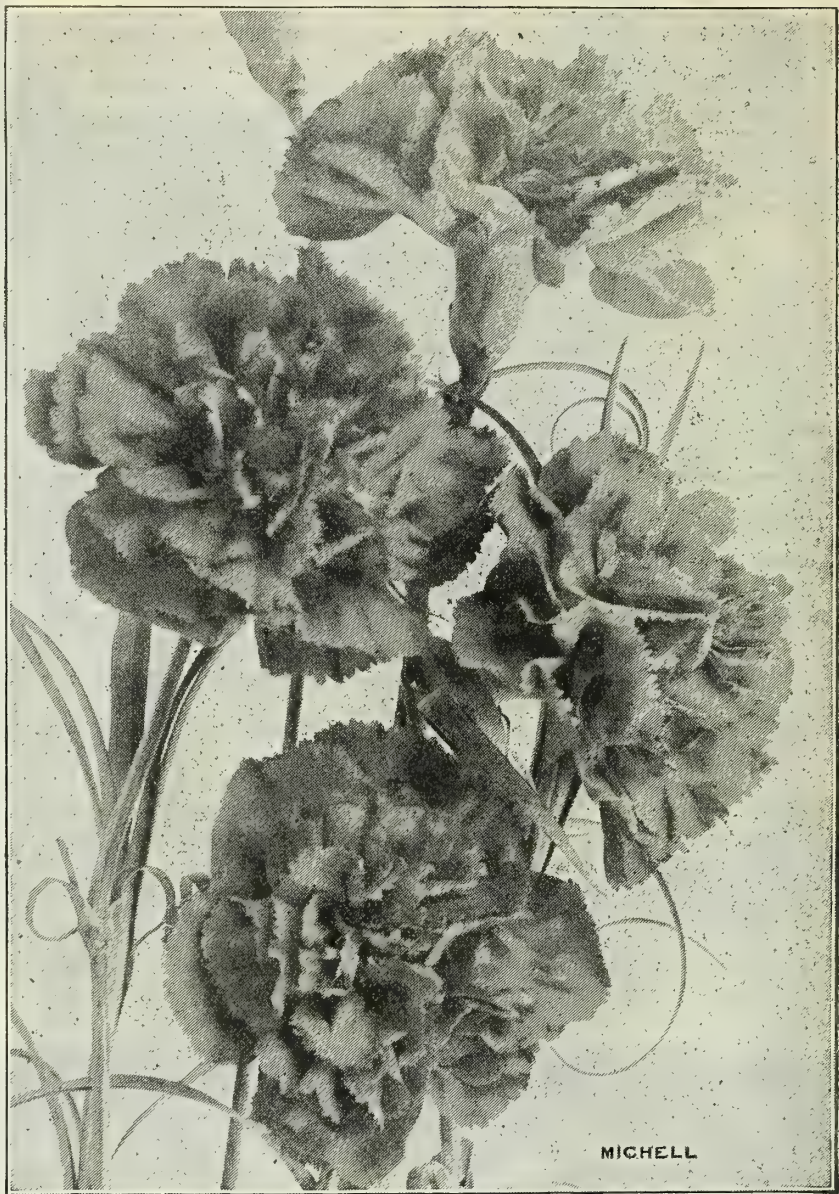
Russian. A very deep blue variety, blooming later than any of the others.

Swanley White. This variety compares with Lady Campbell except for color, which is white. The flowers are strongly scented.

Price of extra large clumps: 20c. each; per doz., \$2.00; \$12.00 per 100.



Double Violet "Lady Campbell"



Carnation Beacon

FIELD GROWN CARNATION PLANTS

For winter blooming in conservatory and greenhouse. Our carnation plants are all field grown clumps, which will give immediate results indoors. Plants are not mailable.

Beacon. Fine large scarlet.

Boston Market. White, flowers continually.

Enchantress. Beautiful pink.

Harry Fenn. Crimson scarlet.

Imperial. Pink, striped red.

Irene. Pure yellow.

John E. Haines. Bright scarlet.

Joost. Very free, pink.

Lawson. Bright pink.

Lt. Peary. Pure white.

Mrs. M. A. Patton. White, variegated red.

Nelson Fisher. Light pink.

Pink Imperial. Light pink.

Prosperity. Large white, streaked pink.

Queen Louise. Pure white, free bloomer.

Red Lawson.

Rose Pink Enchantress. Light pink.

Splendor. New large pink. \$3.00 per doz.; per 100, \$18.00.

Variegated Lawson. Pink, striped red.

Vesper. Pure white.

White Enchantress. Large pure white.

" **Lawson.** Very free bloomer.

" **Perfection.** Immense flower.

Winsor. Cerise.

Large field grown clumps, ready for blooming; price (except where noted), 25c. each; per doz., \$2.50; \$15.00 per 100.

Carnation plants cannot be mailed as the clumps are too large.

HOUSE PLANTS AND FERNS



Araucaria.

ASPARAGUS PLUMOSUS

A very sturdy house plant. Desirable for growing in fern dishes. Each, 15c.; \$1.25 per doz.

ASPARAGUS SPRENGERII

	Each	Doz.	Per 100
3-inch pots	\$0.15	\$1.50	\$10.00
4- " " . . . . .	.25	2.75	22.00

ARAUCARIA (Norfolk Island Pine.)

One of the most beautiful decorative plants. Easily kept in the house.

	Each	Doz.
6 inches high	\$0.75	\$7.50
8 " "	1.00	10.00
12 " "	1.50	15.00
15 to 18 inches high	2.00	21.00

FICUS ELASTICA (Rubber Plant)

	Each
12 inches high	\$0.50
15 " " . . . . .	.75
18 " "	1.00
24 " "	1.50

CYCAS REVOLUTA (Sago Palm)

A very fine, hardy house plant. 75c. to \$5.00 each.



Asparagus Plumosa.

COCOS

WEDDELIANA PALM

Very graceful, fine foliage, especially adapted for planting in fern dishes.

3-inch pots, 12 inches high, each, 25c.; per doz., \$2.75.
4-inch pots, 16 inches high, each, 50c.; per doz., \$5.00.
Special price will be quoted on larger quantities.

PALMS

Grown in cool greenhouses, preferable and more satisfactory than those grown in hothouses.

KENTIA BELMOREANA

	Each
15 inches high, 5 to 6 leaves	\$1.00
20 " " 6 to 7 leaves	1.50
24 to 30 inches high, 6 to 7 leaves	2.00

Also larger sizes, from \$2.50 to \$5.00 each.

ARECA LUTESCENS

Leaves	Height	Each	Doz.
4 to 5	10 to 12 inches	\$0.25	\$2.50
5 to 6	15 to 18 " . . . . .	.50	5.00
6 to 7	18 to 21 "	1.00	10.00
7 to 8	24 to 26 "	2.00	21.00



Boston Fern.

BOSTON FERNS

	Each	Doz.
Young plants	\$0.25	\$2.50
Strong plants . . . . .	.50	5.00
Large plants, 6-inch pots	1.00	10.00
Specimen plants	\$2.00 to \$5.00 each	

JAPANESE FERN BALLS (Ready in December)

Dormant. Small size, 25c. each (by mail, 35c.); per doz., \$2.50.
Dormant. Large size, 40c. each (by mail, 50c.); per doz., \$4.00.
In Foliage. \$1.00 each; per doz., \$10.00. (Not mailable).

FERNS (For Ferneries and Dishes)

We have on hand, constantly during the winter months, a large selection of strong, healthy ferns.

3-inch pot size, 15c. each; per doz., \$1.25; \$9.00 per 100.
2½-inch pot size, 10c. each; per doz., \$1.00; \$6.00 per 100.

JARDINIERS AND FERN DISHES

Our stock of Fancy Jardinieres and Fern Dishes is exclusive; the most original designs and patterns can be obtained here, suitable for all sizes of pots. The prices are low—as little as 25c., as high as \$10.00. Call and examine our stock before purchasing elsewhere.

We can also supply any other house plants not offered here.

POT GROWN STRAWBERRY PLANTS

NOTE.—The pot grown strawberries offered by us are exceedingly large and vigorous plants, therefore the price must not be compared with rooted runners that have been put into pots just prior to shipment.

AUTO (Perfect). A bush-like plant, which makes but few runners, with many strong fruiting crowns. Mid-season. Very productive; extra large, bright red, conical berries of high quality.

BRANDYWINE. Late (Perfect). The finest of all late fruiting sorts; it has not a single defect. Fruit extra large, heart shaped; color bright, rich red.

BUBACH. Mid-Season (Pistillate). One of the best and most profitable market berries.

CARDINAL (Perfect). "Cardinal" was found by capable judges, to surpass all in vigor, productiveness and other important qualities. 80c. per doz.; per 100, \$5.00; \$40.00 per 1000.

CHESAPEAKE (Perfect). A late variety; very prolific bearer, yielding well on extremely light soil.

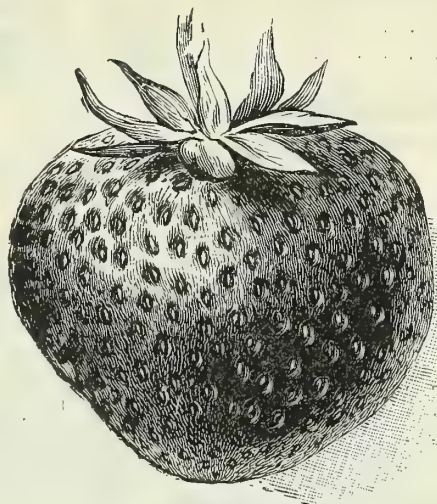
COMMANDER. This berry is claimed to have but one fault, and that is its inability to hold up the immense trusses of berries produced. 80c. per doz.; per 100, \$5.00; \$40.00 per 1000.

COMMONWEALTH. The originator says it is the largest of the large berries; very productive, fine flavored and a beautiful dark color. It is quite late, lasting well into July.

FAIRFIELD (Perfect). Very early; a remarkable resister of drought, being a deep rooted sort.

GANDY (Perfect). This variety is known to most every berry grower as one of the best late sorts.

GLEN MARY (P.). Late. The fruit is very large but rather irregular, somewhat like Sharpless.



Bubach

NOTE.—Some varieties which are marked with a P. are pistillate (or imperfect flowering), and while they embrace often the best kinds, it will be necessary in order to get fruit to plant bisexual (or perfect) flowering sorts near them. About five imperfect to one perfect flowering is the general rule.

HAVERLAND (Perfect). One of the most popular mid-season varieties.

HERITAGE (Perfect). This is truly a giant strawberry, it being almost impossible to put a whole berry at a time in one's mouth. Medium early. \$1.00 per doz; per 100, \$6.00; \$50.00 per 1000. *Layer plants of Heritage ready in October.* 35c. per doz.; per 100, \$1.50; \$8.00 per 1000.

KITTY RICE (Perfect). Berries quite large, glossy and of dark red color.

NEW HOME (Perfect). Late. It has been claimed one could pick forty quarts or more per hour. 80c. per doz.; per 100, \$5.00; \$40.00 per 1000.

NICK OHMER. Excellent for mid-season use.

PRESIDENT (P.). A most remarkable variety, ripening in mid-season. 80c. per doz.; per 100, \$5.00; \$40.00 per 1000.

SAMPLE (P.). One of the very best pistillate kinds in cultivation. It is a great bearer of large, roundish berries. The fruit is large to the close of the season. Late.

SAUNDERS (Perfect). It is a deep red and remarkably glossy.

SENATOR DUNLAP (P.). Classed as medium, but makes a long season, commencing to ripen soon after the earliest, and continuing until near the last. 80c. per doz.; per 100, \$5.00; \$40.00 per 1000.

SUCCESS (Perfect). Begins to ripen early and continues several weeks; holds out its large size all through.

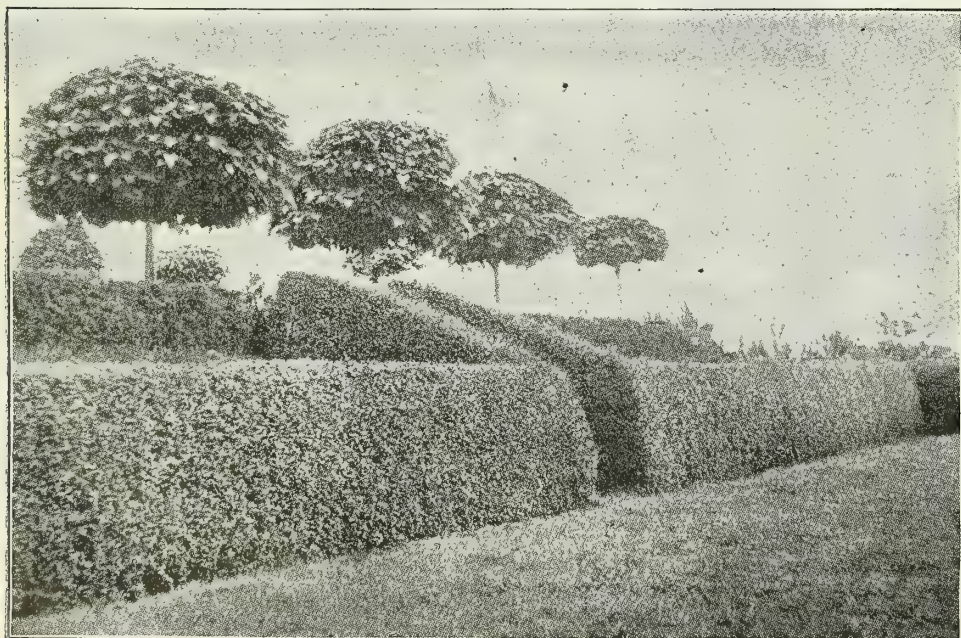
STEVENS' LATE CHAMPION (Perfect). It will stand a drought better than any other berry ever grown in this section. 80c. per doz.; per 100, \$5.00; \$40.00 per 1000.

SHARPLESS (Perfect). A mid-season variety; very large and a tremendous cropper.

WILLIAM BELT (Perfect). A grand mid-season sort.

Prices of any of the Pot-Grown Strawberries offered on this page (except where noted); 70c. per doz.; per 100, \$4.00; \$32.50 per 1000.

LAYER PLANTS of Strawberries *ready October 1st.* Prices (except where noted): 25c. per doz.; per 100, \$1.00; \$6.00 per 1000. Orders can be booked now.



A Hedge of California Privet

CALIFORNIA PRIVET

Large Stock, Strong Plants

Exceedingly beautiful; very vigorous and hardy; leaves deep green, bright and very glossy. Especially adapted for hedges at the seashore; easily transplanted. Beware of spurious kinds of privet which are being offered for the above and which are not nearly so desirable. Ours are the genuine California or Japan Privet (*Ligustrum Ovalifolium*). Most of them have been transplanted and are furnished with an abundance of fine fibrous roots, are well branched and are sure to give satisfaction.

	Doz.	100	1000
1-year old, 18 to 24 inches high . . .	\$0.60	\$3.00	\$25.00
2-year old, 24 to 30 inches high . . .	.75	4.00	35.00
2-year old, 30 to 36 inches high . . .	1.00	5.00	45.00
3-year old, extra heavy	1.50	7.50	70.00

Specimens in bush form, 3 to 4 feet high, 50c. each; per doz. \$5.00.

OSAGE ORANGE. 1 year old: 75c. per 100; per 1000, \$5.00. 2 years old: \$1.00 per 100; per 1000, \$7.50.

We are in position to furnish at lowest price other hedge plants, such as Althea Berberis and dwarf evergreens.

Pamphlet Free, How to Plant and Take Care of Privet Hedge

SMALL FRUITS

Plant in October and November so they will be established for early spring growth.

BLACKBERRIES

Plant in good rich soil, in rows five feet apart, and three or four feet apart in the row. After the fruiting season or in early spring, cut out all the dead wood. These should be planted early, before the buds start. A good top dressing of stable manure, applied annually, produces large crops. Keep the ground clean and well worked.

Erie. An excellent early berry; ripens its entire crop at once. Berries good size, black, firm, sweet and of good quality. Per doz., 60c.; \$3.00 per 100.

Eldorado. A very vigorous grower, free from mildew, enormously productive and free from core. Per doz., 60c.; \$3.00 per 100.

Ohmer. Very hardy and exceptionally late. Fruit firm and of excellent quality; no core. Per doz., 60c.; \$3.00 per 100.

Iceberg. A white blackberry. Its bearing qualities are wonderful. The berry is very large, sweet and tender. A heavy cropper. Per doz., 75c.; \$5.00 per 100.

Ward. An immense glossy black variety; rich, sweet, and with no hard core. A tremendous yielder. Per doz., \$1.00; \$8.00 per 100.

CURRENTS

Black Naples. Vigorous and productive. Used for jelly and jams and highly profitable for market in some sections. Two years old. Per doz., \$1.00; \$6.00 per 100.

Fay's Prolific. Color rich red. Per doz., \$1.00; \$6.00 per 100.

Red Dutch. Medium size; in large bunches. The old and well-known currant of the garden. Per doz., \$1.00; \$6.00 per 100.

Red Cherry. Very large. Per doz., \$1.00; \$6.00 per 100.

White Grape. The best white variety; large and sweet. Per doz., \$1.00; \$6.00 per 100.

HARDY GRAPE VINES

Brighton. Bunch large, well formed. Berries red, medium to large, round, excellent flavor and quality. One of the earliest in ripening.

Campbell's Early. A valuable and delicious grape. Vine very strong, hardy and vigorous, with thick, healthy foliage; an abundant bearer. Berries large, black, with light purplish bloom; skin thin; flesh firm but tender; few and small seeds; flavor rich and sweet.

Catawba. A very good keeper; red, sweet and rich, with pleasant flavor. Does best against buildings.

Concord. One of the most profitable of all hardy grapes. Bunch and berry large; black, juicy and sweet.

Delaware. Bunches small, compact, shouldered. Berries rather small, round; skin thin; light red; flesh very juicy, sweet, spicy and delicious.

Columbian. The largest grape in culture. A beautiful black color, juicy and sweet.

Moore's Diamond. A strong healthy grower, hardy and productive; color white; bunch and berries large. Ripens before Concord.

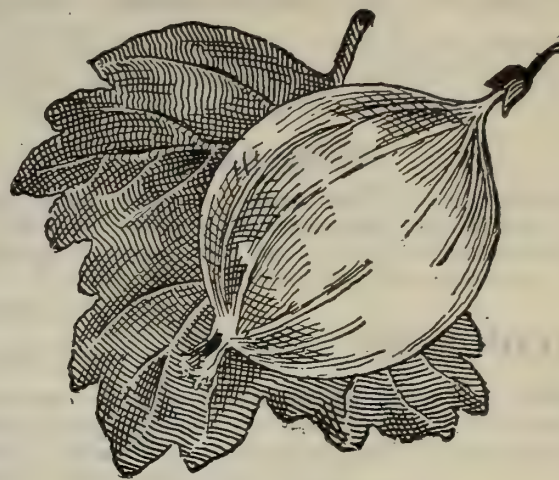
Moore's Early. Berry and bunch large, round; color heavy blue. Its earliness makes it desirable for an early market.

McPike. (New). Equal to Black Hamburg. Perfectly hardy and earlier than Concord. Bunches large, even and compact. Berries of mammoth size, being three inches in circumference; of superb quality; skin thin; delicious flavor: color deep blue. Each, 35c.; \$3.50 per doz.

Niagara. Berries large, mostly round, light greenish-white, semi-transparent; does not crack; has very little pulp.

Pocklington. Bunch and berries large; when fully ripe a light golden-yellow, juicy, tender, sweet. Strong grower, productive.

Prices, 2-year old vines, except where noted, each, 25c.; \$2.50 per doz. 3-year old vines, except where noted, each, 50c.; \$5.00 per doz.



Industry Gooseberry

GOOSEBERRIES

Downing. Large pale green; soft, juicy and good for family use. Per doz., \$1.50; \$8.00 per 100.

Houghton's Seedling. Pale red. Per doz., \$1.50; \$8.00 per 100.

Industry. Although a foreign sort, it has done admirably, being a vigorous grower and an immense yielder. Color dark red. Each, 20c.; \$1.50 per doz., 100, \$10.00.

Pearl. A very productive and perfectly healthy variety, quite free from mildew. Pearl is a favorite and hard to beat; bushes planted but one year are said to yield three quarts of berries. A robust, vigorous grower, with berries larger than Downing. Each, 20c.; per doz., \$1.50; \$10.00 per 100.

RASPBERRIES

Brandywine. Large, bright red, hardy and productive, an old variety, extensively grown. Per doz., 50c.; \$2.50 per 100.

Cuthbert. Large, firm, deep rich crimson, of excellent quality, perfectly hardy and very productive. Per doz., 50c.; \$2.50 per 100.

Philadelphia. Dark crimson. Per doz., 50c.; \$2.50 per 100.

Golden Queen. Best yellow variety. Per doz., 50c.; \$2.50 per 100.

Gregg. A large black variety, fruit firm, of excellent quality, and a good shipper. Per doz., 50c.; \$2.50 per 100.

Cumberland (Blackcap). The largest raspberry known. Selected specimens measure an inch in diameter, they are uniformly very large. The canes are extremely hardy. They are immensely productive, producing annually very heavy crops. Fruit firm, and in quality equal to the very best. Per doz., 50c.; \$2.50 per 100.

Columbian. A most vigorous grower. It is very hardy. Fruit very large, often an inch in diameter, color dark red, bordering on purple, adheres firmly to the stem, the best for canning or evaporating and probably the most productive of all raspberries. Per doz., 50c.; \$2.50 per 100.

FRUIT TREES

APPLES—Baldwin, Ben Davis, Maidens' Blush, Northern Spy, Orange Pippin, R. I. Greening, Smith's Cider, Wine-sap, York Imperial, Grimes' Golden, Yellow Transparent. Extra strong well developed trees 2 years old, 6 to 8 feet high. Each, 60c.; \$6.00 per doz.

CHERRIES—Black Tartarian, Early Richmond, Gov. Wood, Montmorency, May Duke, Mercer, Yellow Spanish, also all other varieties. Extra strong well developed 2 year old trees, 6 to 8 feet high. Each, 75c.; \$7.50 per doz.

PEARS—Bartlett, Clapp's Favorite, Kieffer, Lawrence, Worden's Seckel, Vermont Favorite, also all other varieties. Extra strong well developed 2 year old trees, 6 to 8 feet high. Each, 75c.; \$7.50 per doz.

PEACHES—Crawford's Early, Crawford's Late, Elberta, Ford's White, Mountain Rose, Stump the World, also all other sorts. Extra strong well developed trees 2 years old, 5 to 6 feet high. Each, 40c.; \$4.00 per doz.

PLUMS—Abundance, Burbank, Green Gage, Satsuma. Extra strong trees, 2 years old. Each, 75c.; \$7.50 per doz.

QUINCES—Champion, Orange, Meach, Bourgeat, Extra strong trees, 2 years old. Each, 75c.; \$8.00 per doz.

Write for complete Catalogue of Trees, Shrubs, etc. Mailed free.

MICHELL'S CELEBRATED FLOWER SEEDS

FOR AUTUMN AND EARLY WINTER SOWING. FOR COMPLETE LIST OF FLOWER SEEDS SEE OUR GENERAL CATALOGUE FOR 1909

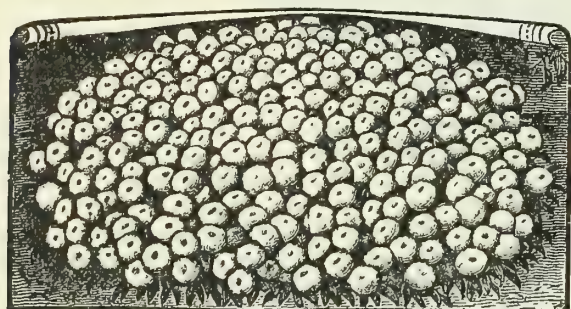
For the convenience of our customers, and to facilitate the filling of orders, we have affixed numbers to all varieties of Flower Seeds, and in ordering it is only necessary to give the quantity wanted and the number; but care should be taken to give the correct number, as a mistake in this would result in getting the wrong variety.

ACHILLEA

- 20 **Ptarmica fl. pl. "The Pearl."** One of the best hardy perennials, blooming all summer; useful for cut flowers and a grand plant for cemetery decoration; pure white double flowers; 18 inches (Large pkt. \$0.30) \$0 10

ACONITUM (Monk's Head or Wolf's Bane)

- 25 **Napellus.** A hardy perennial, producing curious, hood-shaped blue and white flowers in abundance; well adapted for planting among shrubbery; 4 feet (Large pkt. \$0.25) \$0 05



Alyssum (Little Gem)

ALYSSUM

Free flowering hardy annual for beds, edgings, rock-work or baskets; also useful for winter flowering; its fragrant flowers are borne in great profusion.

- 70 **Carpet of Snow.** Dwarf and compact; flowers white; 4 inches oz. \$0.50 (Large pkt. \$0.15) \$0 05
- 74 **Little Dorrit.** (New.) Very dwarf and compact; forms a perfect little bush, covered with miniature white flowers (Large pkt. \$0.20) 15
- 71 **Little Gem.** Dwarf, profuse bloomer; white; 4 inches oz. \$0.50 (Large pkt. \$0.15) 05
- 73 **Sweet.** Fragrant, white flowers; 6 inches . oz. \$0.25 05
- 72 **Saxatile Compactum (Basket of Gold).** Showy golden yellow flowers; hardy perennial; 1 foot. oz. \$0.50 (Large pkt. \$0.15) 05

AMPELOPSIS (Boston, or Japanese Ivy)

- 100 **Veitchi.** A hardy perennial climber from Japan, with olive-green leaves, which turn to scarlet in the autumn; one of the best hardy vines for covering brick or stone buildings oz. \$0.25 \$0 10

ANTIRRHINUM (Snapdragon)

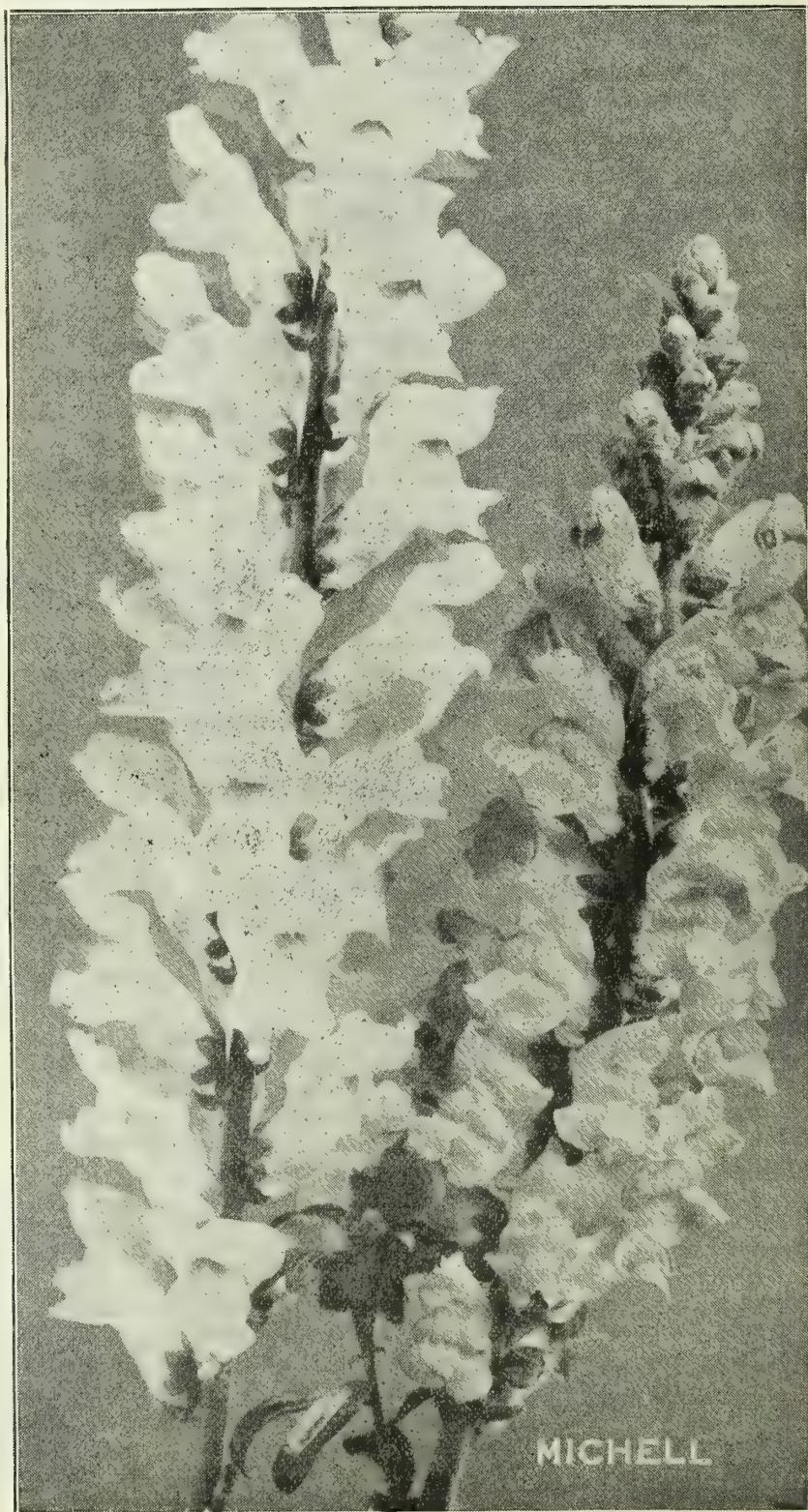
A showy and useful plant, and is fast becoming one of our most popular flowers; useful for beds or borders, and is also extensively grown under glass for cutting during the winter.

- 110 **Dwarf Firefly.** Scarlet; 1 foot . (Large pkt. \$0.20) \$0 10
- 112 **Dwarf Mixed.** Choice colors; 1 foot . . oz. \$0.50 05
- Daphne.** (New.) Semi-dwarf; deep carmine rose, with pure white throat 20
- 113 **Giant Pink.** 2 feet (Large pkt. \$0.25) 10
- 114 **Giant Scarlet.** 2 feet (Large pkt. .25) 10
- 115 **Giant White.** 2 feet (Large pkt. .25) 10
- 116 **Giant Yellow.** 2 feet (Large pkt. .25) 10
- 117 **Giant Mixed.** All colors (Large pkt. .20) 10
- 118 **Golden Sun.** Foliage canary yellow; flowers rosy-white, striped carmine (Large pkt. \$0.40) 15
- 120 **Queen of the North.** Forms a large plant, covered with large, white flowers; 1 foot (Large pkt. \$0.20) 10
- 122 **Tall Mixed.** Extra fine; 2 feet oz. \$0.40 05
- 123 **Imported Collection.** 10 dwarf varieties 40
- 124 **Imported Collection.** 10 tall varieties 40

ANEMONE (Windflower)

A very pleasing hardy perennial, easily grown from seed, and producing large flowers.

- 105 **Coronaria Mixed.** 2 feet (Large pkt. \$0.20) \$0 05
- 106 **Japonica Alba Gigantea.** A beautiful variety; flowers large, pure white; 2 feet . . (Large pkt. \$0.50) 20
- 107 **St. Brigid or Poppy.** Very pretty and perfectly hardy; flowers embrace all the rainbow shades and also black and white, and are of a very large size; 2 feet (Large pkt. \$0.40) 15



Giant Snapdragon (Antirrhinum)



Aquilegia (Columbine)

AQUILEGIA (Columbine)

Elegant hardy perennials of easy cultivation, blooming profusely from May to August. They are suitable for herbaceous borders and groups among shrubs, and prefer a moist soil.

- 130 **Chrysantha (Golden Spurred).** Bright golden yellow flowers; 3 feet (Large pkt. \$0.25) Pkt. \$0 10
- 131 **Chrysantha Alba.** White (Large pkt. .30) 10
- 132 **Coerulea (Rocky Mountain Columbine).** Large flowers, violet-blue and white; 2 feet. (Large pkt. \$0.40) 10
- 133 **Haylodgensis Delicatissima.** Satiny rose 20
- Rose Queen.** Rose, with white centre and yellow anthers 25
- 134 **Single Mixed.** All colors; 2 feet (Oz. \$0.35) 05
- 135 **Double Mixed.** All colors; 2 feet (Oz. .35) 05

ARABIS (Rock Cress)

- 144 **Alpina.** An early flowering hardy perennial, with spikes of pure white flowers; excellent for rockeries or edgings; 6 inches (Large pkt. \$0.20) 05

ARUNDO (Ornamental Grass)

- 155 **Donax.** Perennial, with drooping green and white-striped leaves; excellent for lawn clumps; 9 feet (Large pkt. \$0.20) 10

ASPARAGUS

- 160 **Plumosus Nanus.** An excellent pot plant for house or conservatory decoration or cutting, on account of its very graceful, finely-cut foliage; will remain fresh a long time after being cut. (Per 100 seeds \$1.00) 25
- 162 **Sprengeri.** One of the best plants to grow in hanging baskets, for greenhouse or for outdoors in the summer (Per 100 seeds \$0.50) 10

ASPERULA

- 165 **Odorata (Sweet Woodruff).** Pretty hardy perennial, with fragrant leaves and stems; flowers white; 1 foot (Large pkt. \$0.20) 05

ASTER (Michaelmas Daisy)

- 328 **Choice Mixed.** Hardy herbaceous plants bearing single flowers; 2 feet (Large pkt. \$0.30) 10

AURICULA (Primula Auricula)

- 410 **Choice Mixed.** A well-known half hardy perennial; flowers of many beautiful colors; 6 inches. (Large pkt. \$0.50) 10

BROWALLIA

Elegant free flowering plants; bloom finely in the winter if sown in August; 18 inches.

- 500 **Elata Coerulea Grandiflora.** Large sky-blue flowers (Large pkt. \$0.20) Pkt. \$0 05
- 502 **Speciosa Major.** A large flowering variety of brilliant ultramarine blue; desirable as a pot plant for winter and early spring flowering (Large pkt. \$0.30) 10

BEGONIA (Semperflorens)

The following varieties are extensively used for bedding; they are also excellent for pot plants for winter flowering. Pkt.

- 455 **Anna Regina.** Rose-colored flowers (Large pkt. \$0.65) \$0 15
- 459 **Erfordia.** Rosy-carmine (Large pkt. .40) 15
- 463 **Queen of Carpet Bedders.** A dwarf variety of the well-known Begonia Vernon; bright red flowers, dark leaves; 5 inches (Large pkt. \$0.40) 15
- 471 **Vernon.** Rich orange-carmine flowers and bronzy red foliage (Large pkt. \$0.30) 10
- 473 **Zulu King.** Blood-red flowers and black-red leaves and stems (Large pkt. \$0.65) 15
- 467 **Choice Mixed** (Large pkt. .40) 10

BEGONIA (Tuberous Rooted)

- 461 **International Prize.** An unrivaled strain; seed saved only from the best selected blooms of the large flowered hybrids; single, choicest colors 25
- 469 **Single.** Extra choice mixed (Large pkt. \$0.65) 15
- 470 **Double.** Choicest strain, mixed 25

BEGONIA (Ornamental-Leaved)

- 464 **Rex Hybrids.** Beautiful varieties, with variegated foliage; choice mixed (Large pkt. \$0.65) 25

BELLIS PERENNIS (See Daisy)



Calceolaria, Hybrid Grandiflora

CALCEOLARIA

An ornamental plant and a universal favorite for decorating the greenhouse or conservatory; produces a mass of beautiful pocket-like flowers. Our strains of Calceolaria have a wide reputation as to large size, rich and varied colors of the flowers.

- 515 **Hybrida Grandiflora, Tall Mixed.** Large flowering; rich, self-colored flowers saved from a choice collection; 18 inches (Large pkt. \$0.75) Pkt. \$0 25
- 516 **Hybrida Grandiflora Pumila Compacta.** Of dwarf, compact growth; immense trusses of large, self-colored and spotted flowers; 1 foot . (Large pkt. \$0.75) 25
- 517 **James' Superb Strain.** A robust grower, producing very large and beautiful flowers; 18 inches 50
- 518 **Rugosa Mixed (Shrubby).** Small flowering varieties for bedding; of the finest colors; 1 foot 50
- 519 **Sutton's Perfection.** Choicest mixed 90
- 520 **Rugosa, Yellow** 50

CAMPANULA (Canterbury Bell or Bell Flower)

These are well worthy a place in every garden, bearing a great profusion of attractive bell-shaped flowers.

- 542 **Carpatica** (*Carpathian Hare-bell*). Hardy perennial, bearing bell-shaped flowers; blue and white, mixed; 6 inches oz. \$0.50 (Large pkt. \$0.15) Pkt. \$0 05
- 545 **Cup and Saucer** (*Calycanthema*). Pure white flowers, resembling a cup and saucer; hardy biennial, 2½ feet (Large pkt. \$0.30) 10
- 546 **Cup and Saucer**. Mixed (Large pkt. \$0.25) 10
- 547 **Persicifolia Grandiflora Blue**. An elegant hardy perennial, bearing large cup-shaped flowers; 2 to 3 feet (Large pkt. \$0.30) 15
- 548 **Persicifolia Grandiflora White**. Same as above, except in color (Large pkt. \$0.30) 15
- 549 **Pyramidalis** (*Chimney Bell Flower*). Stately hardy perennial, either for garden or pot culture; mixed, blue and white flowers; 3 feet (Large pkt. \$0.20) 05

CAMPANULA MEDIA. Showy hardy biennials, bearing many large, bell-shaped flowers; 2 to 3 feet.

- 543 **Single Blue** oz. \$0.50 (Large pkt. \$0.15) 05
- 544 " **Pink** oz. .50 (Large pkt. .15) 05
- 552 " **Striped** oz. .50 (Large pkt. .15) 05
- 553 " **White** oz. .50 (Large pkt. .15) 05
- 550 " **Mixed** oz. .35 (Large pkt. .15) 05
- 554 **Double Blue** oz. 1.00 (Large pkt. .20) 10
- 556 " **Pink** oz. 1.00 (Large pkt. .20) 10
- 557 " **Striped** oz. 1.00 (Large pkt. .20) 10
- 558 " **White** oz. 1.00 (Large pkt. .20) 10
- 551 " **Mixed** oz. .75 (Large pkt. .20) 05

CANDYTUFT (*Iberis*)

Very desirable for cutting, and of easy cultivation.

- 560 **Crimson** oz. \$0.25 Pkt. \$0 05
- 561 **Michell's Giant Empress**. Immense spikes; free flowering; pure white . oz. \$0.60 (Large pkt. \$0.20) 10
- 562 **Empress**. Large, pure white oz. \$0.40 10
- 564 **Little Prince**. Very dwarf and compact; large, pure white spikes oz. \$0.60 (Large pkt. \$0.20) 10
- 566 **Pink** oz. \$0.25 05
- 568 **Purple**. Rich shade oz. .25 05
- 572 **Tom Thumb**. Very dwarf, white oz. .30 05
- 574 **White Rocket**. Large spikes oz. .25 05
- 576 **Mixed**. All colors oz. .20 05
- 570 **Sempervirens**. Hardy perennial, profuse bloomer; pure white; 1 foot oz. \$0.75 (Large pkt. \$0.20) 10
- 578 **Imported Collection**. Annual varieties, 6 colors 25

Large Flowering Dwarf

- 579 **Crimson** oz. \$1.00 (Large pkt. \$0.25) 10
- 581 **Pink** oz. 1.00 (Large pkt. .25) 10
- 583 **White** oz. 1.00 (Large pkt. .25) 10

CARNATION

These are general favorites for their richness of color and delightful fragrance; they are desirable for greenhouse culture in winter as well as for the garden in summer.

- 600 **Early Vienna**. Early flowering, double, extra fine; all colors mixed; 1 foot (Large pkt. \$0.30) Pkt. \$0 10
- 602 **Finest German**. Double, mixed colors; seed saved from flowers of the finest quality (Large pkt. \$0.65) 25
- 610 **Choice Mixed**. Double; all colors (Large pkt. .50) 10

Marguerite Carnations

The Marguerite Carnations are the earliest to bloom, and produce large, double, sweet-scented flowers. Being half-hardy perennials, if they are slightly protected during the winter they will flower profusely the next summer; 1 foot.

- 604 **Excelsior**. Extra large flowering and of the most beautiful colors (Large pkt. \$0.40) Pkt. \$0 15
- 606 **White**. Large, perfect flowers . (Large pkt. .40) 10
- 608 **Yellow**. Very fine (Large pkt. .50) 10
- 609 **Choice Mixed** oz. \$1.00 (Large pkt. .25) 10

CENTROSEMA (*Butterfly Pea*)

- 660 **Grandiflora**. A hardy perennial vine of great beauty; bears profusely inverted pea-shaped flowers, ranging in color from rosy violet to purple with a broad white marking through the centre . . . (Large pkt. \$0.25) Pkt. \$0 10

CENTAUREA

White Leaved (*Dusty Millers*)

Of dwarf growth; used for bedding, edgings, vases, hanging baskets, etc.

- 635 **Candidissima**. Silvery, broad cut leaves; 1 foot Pkt. \$0 10
- 636 **Gymnocarpa**. Fine cut, silvery gray foliage; 1½ feet Per 500 seeds \$0.20 10

CENTAUREA CYANUS

(*Bachelor's Button or Corn Flower*)

- 638 **Emperor William**. Deep blue oz. \$0.30 Pkt. \$0 05
- 639 **Pink** oz. .30 05
- 640 **White** oz. .30 05
- 641 **Choice Mixed** oz. .25 05
- 642 **Double Mixed** oz. .30 05
- 643 **Dwarf Mixed**. 9 inches oz. .50 10
- 644 **Double Blue** ¼ oz. .30 10

CENTAUREA IMPERIALIS

(*New Giant Corn Flower*)

This is undoubtedly the best Corn Flower for cutting, having large, beautiful, sweet-scented flowers borne on long stems, and remain fresh a long while after being cut; 2 to 3 feet.

- 645 **Deep Rose** oz. \$0.75 (Large pkt. \$0.20) Pkt. \$0 10
- 646 **Lavender** oz. .75 (Large pkt. .20) 10
- 647 **Lilac** oz. .75 (Large pkt. .20) 10
- 648 **Brilliant Pink** oz. .75 (Large pkt. .20) 10
- 649 **Purple** oz. .75 (Large pkt. .20) 10
- 650 **White** oz. .75 (Large pkt. .20) 10

One packet each of the above 6 colors, 50c.

- 651 **Choice Mixed** oz. \$0.60 (Large pkt. \$0.20) Pkt. 10
- 652 **Gigantea**. A new variety, with large, pure white, sweet-scented flowers. (Large pkt. \$0.40) 15
- 654 **Margaritae** (*Giant White Sweet Sultan*). The blooms, which are snow-white, measure 3 to 4 inches across, and are very fragrant; 18 inches. (Large pkt. \$0.25) 10
- 655 **Montana**. Hardy perennial, very showy; blue (Large pkt. \$0.30) 10
- 656 **Suaveolens** (*Yellow Sweet Sultan*). Large, bright yellow flowers; very fragrant; 18 inches oz. \$0.40 (Large pkt. \$0.15) 05



Carnation

SPOKANE, WASH.

Dear Sirs:—Our recent order received, and wish to state that we are well pleased with the seed you sent us, as they came up splendid, showing the reliability and freshness of your seeds. I also wish to thank you for the gratis seeds you sent.

Yours respectfully,

H. E. R.

CHRYSANTHEMUM (Perennial Varieties)

- 666 **Comtesse de Chambord** (*Golden Paris Daisy*). The true Golden Marguerite, a favorite flower both for cutting and bedding; color, a beautiful clear yellow . . . (Large pkt. \$0.20) Pkt. \$0 10
- 667 **Frutescens Grandiflorum** (*Paris Daisy or Marguerite*). An excellent variety for greenhouse or summer bedding; flowers white with yellow eye; 18 inches . . . (Large pkt. \$0.20) 10
- 671 **Shasta Daisy** (*Leucanthemum Hybridum*). "Alaska." A robust grower, bearing throughout the season a profusion of single white, daisy-like flowers of large size, on long stems; 2 feet (Large pkt. \$0.65) 20
- 675 **Princess Henry**. Immense white flowers, 4 inches across; 18 inches . (Large pkt. \$0.40) 10
- 679 **White Perfection**. Large, pure white flowers, borne on long stems; 2 feet (Large pkt. \$0.20) 10
- 685 **Japanese Hybrids**. Large flowers of the finest types; an extra choice mixture; 18 inches (Large pkt. \$0.65) 15

CINERARIA

One of the most ornamental and useful plants for conservatory or house decoration; seed may be sown from May to September for a succession. *Our Grandiflora Prize Strain* is the best procurable, producing immense trusses of the largest flowers, and has been awarded numerous first prizes.

- 691 **Grandiflora Prize Dwarf**. Mixed colors; plants of dwarf habit . . . (Large pkt. \$0.75) Pkt. \$0 35
- 693 **Grandiflora Prize Medium Tall**. Mixed colors; desirable as a decorative plant . . . (Large pkt. \$0.75) 35
- 695 **Hybrida**. Mixed colors . (Large pkt. .65) 25
- Matador**. (New.) Large, brilliant scarlet . 35
- 697 **Double Flowering**. Mixed colors (Large pkt. \$0.75) 35
- 699 **James' Giant Strain**. A superb variety; mixed colors Pkt. \$0 50
- 702 **Radiata Hybrida**. New varieties of the Star Cineraria in a wide range of colors and shades 20
- 703 **Stellata** (*Sutton's*). Desirable as a pot plant, or for cutting; medium sized star-like flowers 75
- 705 **Stellata Hybrida**. Of graceful and vigorous habit, producing a profusion of elegant flowers 50
- 707 **Sutton's Superb**. Mixed colors; extra fine 75

CLEMATIS

Hardy perennial climbers; fine for arbors, verandas, etc.

- 710 **Flammula**. Feathery-white, fragrant flowers . . . (Large pkt. \$0.15) Pkt. \$0 05
- 712 **Jackman's Large Flowering**. Mixed; saved from the finest, large flowering sorts . (Large pkt. \$0.40) 15
- 714 **Paniculata** (*Japanese Virgin's Bower*). The beautiful autumn flowering variety so much admired for its fragrant, white star-shaped flowers (Large pkt. \$0.20) 10

COLEUS

- 735 **Large Leaved Hybrids**. Splendid bedding plants, with beautifully colored foliage; easily grown from seed if kept in a warm temperature; tender perennial; 18 inches (Large pkt. \$0.65) 25

COREOPSIS

A fine hardy plant, producing showy flowers in great abundance from June till frost; excellent for cutting; 2 feet

- 540 **Lanceolata Grandiflora**. Large golden-yellow flowers (oz. \$0.50) Pkt. \$0 10
- 541 **California Sunbeams**. This variety is larger than the old-fashioned types; flowers beautifully formed; various shades of yellow and brown (Large pkt. \$0.25) 10

CYPERUS (Umbrella Plant)

- 810 **Alternifolius**. An elegant plant for growing in water or damp places; useful for table decoration Pkt. 16



Michell's Fancy Giant Cyclamen

A Word About Michell's Cyclamen

If you want thrifty plants that will bloom freely and produce gigantic bloom, then our Fancy Giant Cyclamen is the strain to grow. It is acknowledged by all who have tried it to be the cream of selection.

CYCLAMEN

Beautiful plants for the window or greenhouse, with mottled leaves and rich colored flowers. Both the strains offered below have gained a reputation for their large size, perfect form and brilliant colors.

MICHELL'S FANCY GIANT

Grown for us in England by a Specialist who has received numerous First Prizes for the large size and beautiful coloring of the flowers.

- 790 **Duke of Connaught**. Crimson . . . 100 seeds \$1.50 Pkt. \$0 50
- 792 **Excelsior**. White with red eye . . . 100 seeds 1.50 50
- 794 **Grandiflora Alba**. White . . . 100 seeds 1.50 50
- 796 **Princess of Wales**. Pink . . . 100 seeds 1.50 50
- 798 **Salmon Queen**. Salmon pink . . . 100 seeds 1.50 50
- 799 **Mixed**. All colors 100 seeds 1.25 40

REGULAR GIGANTEUM STRAIN

Grown for us by a Specialist in Germany.

- 780 **Giganteum Album**. White 100 seeds \$1.25 35
- 782 **Giganteum Roseum**. Pink 100 seeds 1.25 35
- 784 **Giganteum Rubrum**. Red 100 seeds 1.25 35
- 786 **Giganteum White** with carmine eye . 100 seeds 1.25 35
- 788 **Giganteum Mixed**. Choicest strain . 100 seeds 1.00 25
- 802 **Papilio** (*Butterfly*). The edges of the flowers are beautifully fringed, or waved; mixed colors 40
- 804 **Persicum**. Choice mixed (Large pkt. \$0.40) 10
- 806 **Sutton's Giant**. Choicest mixed . Per original pkt. 1 00

CUPHEA (Cigar Plant)

- 775 **Platycentra**. A valuable plant for greenhouse or conservatory, or for bedding; flowers scarlet with a black and white lip; 1 foot . . (Large pkt. \$0.30) 10

DAISY (*Bellis Perennis*) - Large Pkt. Pkt.

855	Giant White. Large, double	\$0 50	\$0 15
857	Giant Mixed. Double, extra large	50	15
859	Longfellow. Large double pink	40	10
860	Snowball. Double pure white	40	10
861	Double Mixed. Very choice	40	10
	Mammoth Pink (<i>New</i>). Extra large	65	25
	Mammoth White (<i>New</i>). Extra large	65	25



Delphinium, Kelways Giant

DELPHINIUM (*Perennial Larkspur*)

Handsome hardy perennial plants for the herbaceous border and shrubbery, producing a profusion of splendid spikes of flowers throughout the summer.

873	Cashmerianum. Large dark blue flowers; 18 inches. (Large pkt. \$0.50)	\$0 10
875	Chinese Grandiflorum. Bright blue; 18 inches . . oz. \$0.60 (Large pkt. \$0.20)	10
876	Elatum (<i>Bee Larkspur</i>). Rich blue; 4 feet oz. \$1.00 (Large pkt. \$0.25)	10
877	Formosum. Rich blue, with white centre; 3 feet . . oz. \$0.75 (Large pkt. \$0.20)	10
878	Kelways Giant. An extra choice strain; strong, vigorous grower, and producing immense spikes of large flowers in the most beautiful shades of blue; 2½ feet (Large pkt. \$0.50)	15
879	Nudicaule. Compact growth, with spikes of bright scarlet flowers; 18 inches (Large pkt. \$0.50)	10
881	Zalil. Beautiful sulphur yellow; 4 feet (Large pkt. \$0.50)	10
883	Hybridum Mixed. Choice single varieties . oz. \$0.40	10

DIANTHUS (*Hardy Garden Pinks*)

These are well adapted for beds and borders; very fragrant.

917	Erfurt. Of dwarf, compact growth; blooms early; very fragrant; mixed colors (Large pkt. \$0.65)	15
919	Clove Scented. Double and semi-double varieties, in beautiful colors; fragrant . . . (Large pkt. \$0.40)	10
920	Latifolius Atrococcineus (<i>Everblooming Hybrid Sweet William</i>). Double, brilliant red (Large pkt. \$0.25)	10
921	Pheasant's Eye. Single white fringed flowers, with dark centre oz. \$0.40 (Large pkt. \$0.15)	05
923	Double Scotch. Choice colors . (Large pkt. .40)	15

DICTAMNUS (*Gas Plant*)

925	Fraxinella. A hardy perennial, with fragrant foliage and red flowers; 2½ feet oz. \$0.40	05
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Digitalis (Foxglove) Gloxiniaeflora

DIGITALIS (*Foxglove*)

A handsome hardy perennial for massing or grouping either in the hardy border, between shrubs or in solid beds; 3 feet.

927	Gloxiniaeflora, Pink . oz. \$0.50 (Large pkt. \$0.15)	\$0 10
928	“ Purple . oz. .50 (Large pkt. .15)	10
929	“ White . oz. .50 (Large pkt. .15)	10
930	“ Mixed . oz. .40 (Large pkt. .15)	05
932	Monstrosa (<i>Mammoth Foxglove</i>). The tall spikes are surmounted by one monstrous flower; all colors mixed (Large pkt. \$0.30)	10

DRACENA

Ornamental plants for vases or conservatory decoration.

940	Australis. A splendid vase plant . (Large pkt. \$0.25)	10
942	Indivisa. Valuable for hanging baskets . . oz. \$0.50	10

EDELWEISS (*Gnaphalium*)

950	Leontopodium. A famous Alpine flower; suitable for rock-work, etc.; hardy perennial; 6 inches . . .	15
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EULALIA (*Ornamental Grass*)

970	Japonica. A hardy perennial variety, with long, graceful leaves; green and white striped; 4 to 5 feet (Large pkt. \$0.15)	05
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EUPATORIUM

975	Fraseri. A fine hardy perennial; clusters of white flowers; excellent for cutting; 2 feet (Large pkt. \$0.25)	10
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FERNS

Very desirable plants for ferneries or for rock-work, or borders in shady positions during the summer.

985	Adiantum (<i>Maiden Hair</i>). Mixed (Large pkt. \$0.40)	\$0 15
989	Pteris Varieties. Mixed (Large pkt. .40)	15
991	Choice Mixed. Choice collection (Large pkt. .40)	15

FORGET-ME-NOT (*See Myosotis*)

FUCHSIA (*Lady's Ear Drop*)

1015	Double and Single Mixed. Well-known plants of easy culture; best suited to shady situations	15
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Gaillardia Grandiflora Superba

GAILLARDIA (Blanket Flower)

Splendid, showy plants for beds or borders; excellent for cutting.

- 1020 **Grandiflora Compacta.** Hardy perennial; a compact variety, bearing long-stemmed flowers; choice mixed colors; 12 to 15 inches . . . (Large pkt. \$0.20) Pkt. \$0 10
- 1022 **Grandiflora Superba.** Hardy perennial; splendid mixed varieties; 2 feet Oz. \$0.50 10
- 1029 **Semi-Double.** Hardy perennial; a fine type; golden yellow, tinged maroon red . . . (Large pkt. \$0.40) 15
- 1030 **Sulphurea Oculata.** New; hardy perennial; flowers sulphur yellow with bright maroon eye (Large pkt. \$0.40) 10

GENTIANA (Blue Gentian)

- 1035 **Acaulis.** Dwarf perennial; deep blue flowers; suited to moist, shady situations (Large pkt. \$0.20) 10

GERBERA (Transvaal Daisy)

- 1048 **Jamesoni.** Hardy perennial; large, bright scarlet flowers; 2 feet 50

GERANIUM

- 1040 **Apple Scented.** Highly esteemed on account of its fern-like, fragrant foliage; 1 foot. Per 100 seeds \$0.40 10
- 1042 **Pelargonium** (*Lady Washington*). Seed saved from the largest flowered show varieties; 1 to 2 feet . . . 25
- 1044 **Zonale Mixed.** A superb strain of the largest and finest varieties; 1 to 2 feet . . . (Large pkt. \$0.20) 10

GLOXINIA

Showy, free-flowering plants for pot culture; producing magnificent flowers of the richest colors; 1 foot.

- 1055 **Hybrida Grandiflora.** The best strain in existence, embracing all the choicest self-colored and tigers and spotted flowers (Large pkt. \$0.75) Pkt. \$0 25

GOLDEN ROD (*Solidago Canadensis*)

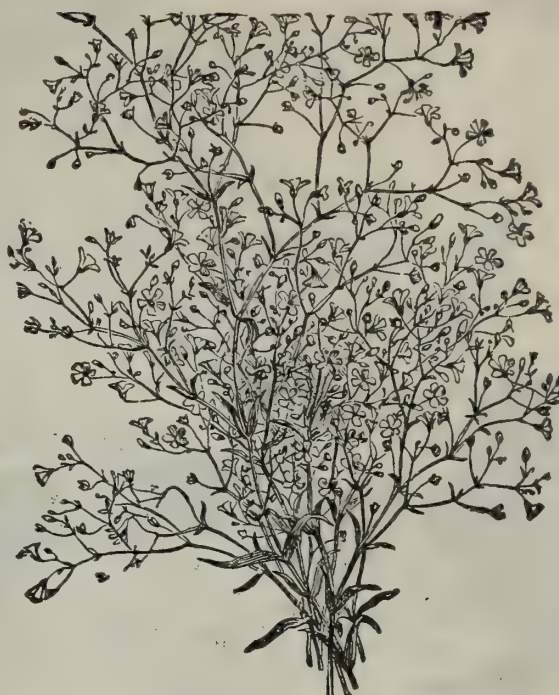
- 1065 A well-known hardy perennial; deep golden yellow flowers; 2 feet (Large pkt. \$0.15) 05

GREVILLEA (Silk Oak)

- 1095 **Robusta.** A fine decorative plant, with fern-like foliage; excellent for table decoration; easily raised from seed oz. \$0.75 (Large pkt. \$0.20) 10

GYNERIUM (Pampas Grass)

- 1100 **Argenteum.** White silvery plumes; perennial; Pkt. blooms the second season; 8 to 10 feet (Large pkt. \$0.20) \$0 10



Gypsophila Paniculata

GYPSOPHILA (Baby's Breath)

- 1105 **Paniculata.** Free flowering hardy perennial; flowers in graceful sprays of white; fine for bouquets; 2 feet Oz. \$0.35 Pkt. \$0 05

HELIANTHUS (See Sunflower)

HELIOPSIS (Orange Sunflower)

- 1112 **Pitcheriana.** A handsome hardy perennial, producing an abundance of deep orange yellow flowers the entire summer; excellent for cutting; 3 to 4 feet Oz. \$0.50 10

HELIOTROPE

A well-known and highly-prized plant on account of the delightful fragrance of the flowers; excellent for pots or for bedding; 18 inches.

- 1115 **Lemoine's Giant.** Produces a profusion of flowers nearly double the size of the old sort; mixed colors. (Large pkt. \$0.50) Pkt. \$0 15
- 1117 **Regal.** Of dwarf, compact growth; immense flowers; all shades (Large pkt. \$0.50) 15
- 1119 **Choice Mixed.** Of many varieties . (Large pkt. .25) 10
- 1121 **Imported Collection.** 6 sorts 40

HEUCHERA (Alum Root)

- 1125 **Sanguinea.** Splendid hardy perennial; spikes of vivid crimson flowers, excellent for cutting; 1 foot (Large pkt. \$0.40) 10

HIBISCUS (Marshmallow)

Showy, ornamental perennial plants, for mixed beds or shrubbery borders, having large-sized, beautifully colored flowers.

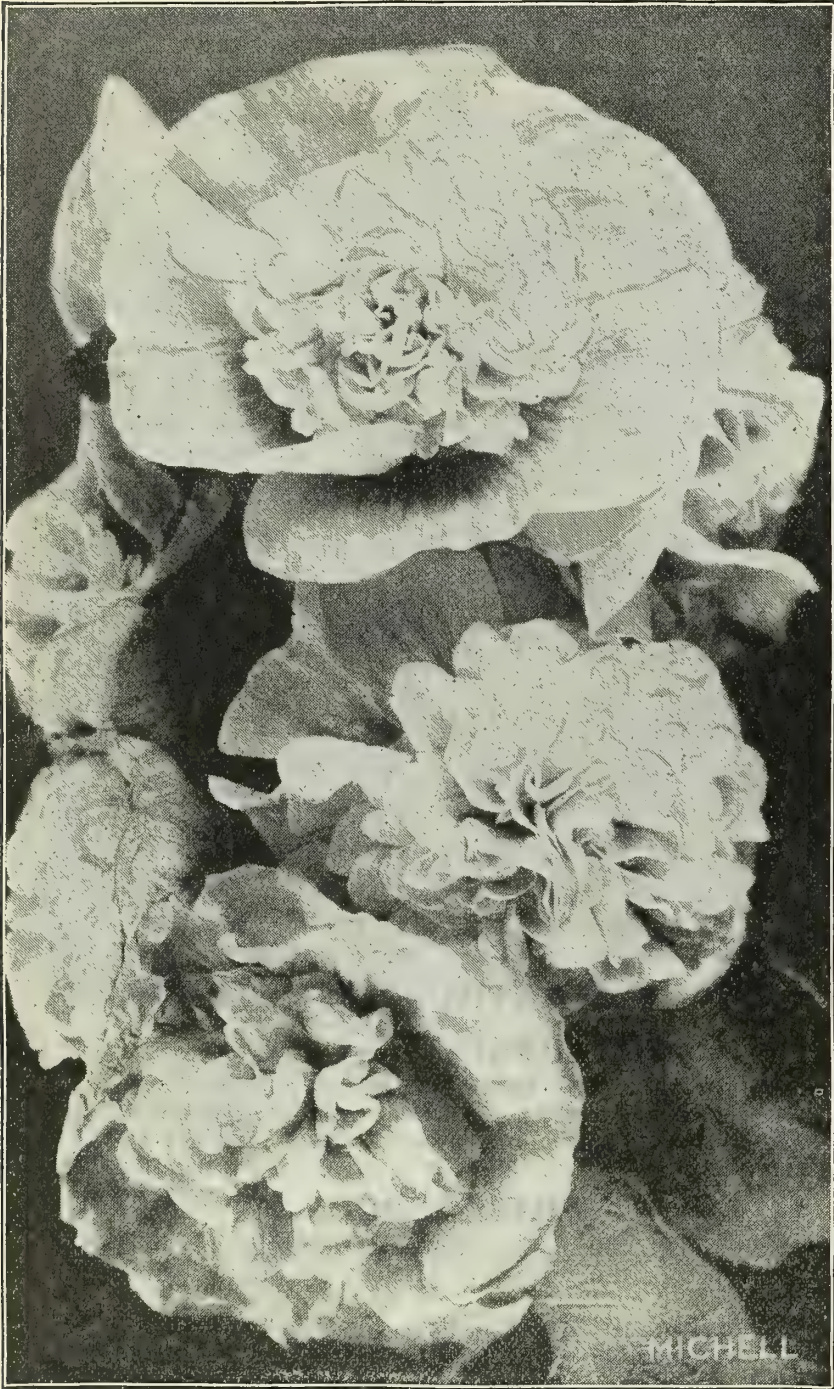
- 1130 **Crimson Eye.** Large white flowers, with crimson centre Oz. \$0.50 Pkt. \$0 10
- 1132 **Golden Bowl.** Giant yellow, with maroon centre; 3 feet (Large pkt. \$0.20) 10
- 1134 **Palustris.** Large pink flowers; 3 feet (Large pkt. \$0.20) 05

HARDY PERENNIAL SEEDS

Imported Collections

Contains a good assortment of varieties best adapted to produce a continued succession of bloom throughout the season.

- Collection containing 12 distinct sorts \$0 40
- " " " 25 " " 75



Chater's Double Hollyhock

HOLLYHOCK

One of the most popular and desirable of hardy perennial plants; excellent for planting among shrubbery or forming a background for other flowers; 6 to 7 feet.

- 1146 **Allegheny.** Semi-double; mammoth flowers, having the edges of the petals finely fringed and lacinated; choicest mixed colors . oz. \$1.25 (Large pkt. \$0.30) Pkt. \$0 10
- 1147 **Double Hybrid Ever-blooming.** Large double and semi-double flowers; colors range from white to deep black, yellow, pink, red, purple, etc. (Large pkt. \$0.50) 20
- 1148 **Single Hybrid Ever-blooming.** These differ from the above only in the flowers being single oz. \$1.25 (Large pkt. \$0.30) 15

CHATER'S IMPROVED DOUBLE HOLLYHOCK

Our strain of this is the best that can be procured; seeds saved from the most double flowers.

- 1149 **Pink** oz. \$1.25 (Large pkt. \$0.30) Pkt. \$0 10
- 1150 **Maroon** oz. 1.25 (Large pkt. .30) 10
- 1151 **Red** oz. 1.25 (Large pkt. .30) 10
- 1153 **Salmon** oz. 1.25 (Large pkt. .30) 10
- 1155 **White** oz. 1.25 (Large pkt. .30) 10
- 1157 **Yellow** oz. 1.25 (Large pkt. .30) 10
- 1159 **Choice Mixed** oz. 1.00 (Large pkt. .25) 10
- 1160 **Single Mixed** oz. 1.00 (Large pkt. .20) 10
- 1161 **Imported Collection.** 6 colors 40
- 1163 **Imported Collection.** 12 colors 75

IMPATIENS (Sultan's Balsam)

A charming plant for house and conservatory decoration.

- 1177 **Holstii.** A new variety from Africa, resembling Impatiens Sultani in leaf and shape of bloom, but surpassing it in quicker growth and its larger and brighter colored flowers (Large pkt. \$0.65) Pkt. \$0 20
- 1178 **Holstii, "New Hybrids."** The colors offered in these New Hybrids are beautiful and of many shades (Large pkt. \$0.65) 20
- 1180 **Sultani.** Brilliant rosy-scarlet . . (Large pkt. .40) 15
- 1182 **Sultani Hybrida.** Colors ranging from pale pink to dark crimson (Large pkt. \$0.40) 15

KENILWORTH IVY (*Linaria Cymbalaria*)

- 1195 A charming, small, neat trailing plant, for baskets, vases, pots and rock-work; flowers violet Pkt. \$0 05
(Large pkt. \$0.30)



Lathyrus (Everlasting Pea)

LATHYRUS LATIFOLIUS

(Everlasting or Perennial Pea)

Free flowering, hardy perennial climbers, bearing beautiful pea-shaped flowers.

- 1210 **Crimson.** Brilliant oz. \$0.40 Pkt. \$0 10
- 1212 **Pink Beauty.** Bright, rosy-pink oz. .40 10
- 1214 **White** oz. .40 10
- 1216 **Choice Mixed.** All colors oz. .30 05

LAVENDER (*Lavandula Vera*)

- 1220 Well-known hardy perennial, bearing long spikes of fragrant blue flowers; 18 inches oz. \$0.40 Pkt. \$0 05

LILY OF THE VALLEY (*Convallaria Majalis*)

- 1225 Lovely plants, bearing pure white, fragrant, bell-shaped flowers early in spring (Large pkt. \$0.25) Pkt. \$0 10

LOBELIA

- 1235 **Barnard's Perpetual.** Deep blue, with white eye (Large pkt. \$0.30) Pkt. \$0 10
- 1237 **Cardinalis** (*Cardinal Flower*). Hardy perennial; brilliant scarlet flowers; 3 feet . (Large pkt. \$0.50) 10
- 1239 **Crystal Palace Compacta.** A fine variety; compact; dark blue (Large pkt. \$0.40) 10
- 1241 **Crystal Palace Speciosa.** Of trailing growth; flowers ultramarine blue (Large pkt. \$0.25) 10
- 1243 **Double Flowering.** Deep blue 10
- 1245 **Emperor William.** Compact; flowers sky blue (Large pkt. \$0.30) 10
- 1249 **Gracilis.** Blue (Large pkt. .20) 10
- 1250 **Heterophylla Major.** Blue (Large pkt. .30) 10
- 1253 **Royal Purple.** Deep blue (Large pkt. .30) 10
- 1255 **White Gem.** Snow white (Large pkt. .30) 10
- 1257 **Mixed.** All colors (Large pkt. .20) 05

LUPINUS (Lupin)

Seeds sown in greenhouse during the late summer and fall months will produce an abundance of bloom for winter. Pkt.

1265	Blue	oz.	\$0 30	\$0 05
1267	Pink	oz.	30	05
1269	Red	oz.	30	05
1271	Scarlet, White Tipped	oz.	30	05
1273	White	oz.	30	05
1275	Yellow	oz.	40	10
1277	Mixed Annual varieties	oz.	20	05
1279	Perennial Mixed	oz.	30	05
1278	Polyphyllus Roseus. Perennial; rosy pink (Large pkt. \$0.40)			15



Mignonette Colossal (Michell's)

MIGNONETTE (Reseda)

One of our most popular annuals; highly prized for its delicious fragrance; sowings may be made at intervals for a succession of bloom; also valuable for growing in pots for winter and spring flowering.

1340	Allen's Defiance. Grown under favorable conditions the spikes will attain a length of 12 to 15 inches; very fragrant	oz.	\$0.60 (Large pkt. \$0.20)	\$0 10
1341	Allen's Defiance (Special). Indoor grown seed; extra choice; in original packets (Half-size pkt. \$0.50)			1 00
1343	Bird's Mammoth. Large spikes of reddish flowers; excellent for pots or open ground	oz.	\$0.50	10
1345	Bismarck. Spikes of immense size, compact, strong grower		(Large pkt. \$0.30)	10
1354	Hoeht's Giant Flowering (New). Extra large spikes; reselected greenhouse grown seed		(Large pkt. \$0.65)	15
1356	Colossal (Michell's). A new variety, with an unusual number of spikes of immense size		(Large pkt. \$0.50)	15
1349	Golden Machet. Large; golden yellow	oz.	\$0.50	10
1351	Golden Queen. Golden yellow	oz.	.50	10
1352	Goliath. One of the finest varieties; giant spikes of brilliant red flowers; fragrant	(Large pkt. \$0.30)		10
1353	Grandiflora. Large flowering; sweet scented	oz.	\$0.25	05
1355	Machet. One of the best sorts for pot culture; large spikes of reddish-tinted flowers	oz.	\$0.50	10
1357	Miles' Spiral. Large spikes; flowers whitish	oz.	.25	05
1359	Parson's White. Large; very fragrant	oz.	.35	05
1363	Sutton's Giant. Large; reddish-buff. Per original pkt.			25
1365	Sweet Scented. The old variety	oz.	\$0.15	05
1367	Imported Collection. 10 varieties			50

LYCHNIS

Handsome perennial plants for massing in beds and borders. Pkt.

1285	Chalcedonica. Fine scarlet flowers; 2 feet	oz.	\$0.30	\$0 05
1287	Haageana. Brilliant orange, scarlet, crimson, etc., in mixture; 1 foot		(Large pkt. \$0.20)	10

MAURANDIA

A beautiful climber of rapid growth for baskets, vases and trellises; produces an abundance of tube-shaped flowers; 10 feet. Pkt.

1320	Barclayana. Purple	(Large pkt. \$0.25)	\$0 10
1322	Pink	(Large pkt. .25)	10
1324	White	(Large pkt. .25)	10
1326	Choice Mixed	(Large pkt. .25)	10

MIMULUS

Showy, profuse flowering plants; fine for greenhouse or moist, shady situations; half-hardy perennials. Pkt.

1370	Moschatus (Musk Plant). Fine for hanging baskets, etc.; yellow flowers, fragrant foliage; 6 inches	(Large pkt. \$0.30)	\$0 05
1372	Moschatus Compacta. Fine for pots and borders; 4 inches	(Large pkt. \$0.50)	10
1374	Tigrinus (Monkey Flower). Fine mixed tigered and spotted varieties; 1 foot	(Large pkt. \$0.30)	05

MUSA ENSETE (Abyssinian Banana)

A handsome tropical plant for planting individually, or for the centre of beds; foliage broad and massive and very effective; 10 to 15 feet. Per 10 seeds . . . 25



Myosotis (Forget-Me-Not)

MYOSOTIS (Forget-Me-Not)

Neat and beautiful little plants with star-shaped flowers; succeeds best in a moist, shady situation; perennial. Pkt.

1390	Alpestris Coerulea. Bright blue; 6 inches	(Large pkt. \$0.20)	\$0 10
1391	Alpestris Victoria. Of bushy habit, bearing large bright-blue flowers; very fine; 6 inches	(Large pkt. \$0.30)	10
1393	Dissitiflora. Compact habit; rich blue; 6 inches	(Large pkt. \$0.40)	10
1395	Eliza Fanrobert. Large flowering, bright blue; 1 foot	(Large pkt. \$0.25)	10
1397	Fair Maiden. Erect grower, pillar shaped; color a rich pink; 1 foot	(Large pkt. \$0.40)	10
1399	Grandiflora Alba. Large white flowers; 6 inches	(Large pkt. \$0.25)	10
1400	Grandiflora Rosea. Large pink flowers; 6 inches	(Large pkt. \$0.25)	10
1401	Palustris. The true Forget-Me-Not; bright blue flowers; 6 inches	(Large pkt. \$0.40)	10
1403	Palustris Semperflorens. Dwarf; blooms from spring until autumn; blue; 6 inches	(Large pkt. \$0.30)	10
1405	Royal Blue. Upright grower; blue; 1 foot	(Large pkt. \$0.40)	10
1407	Choice Mixed. Various shades of blue, rose and white	oz. \$0.50 (Large pkt. \$0.20)	05



Michell's Giant Exhibition Pansy

PANSIES

For spring blooming the seed should be sown in the autumn and protected during the winter; for summer blooming sow inside during February or March and transplant when weather becomes suitable.

MICHELL'S GIANT PANSIES IN SEPARATE COLORS

A strain secured from the leading Pansy specialists, and not to be compared with the ordinary Giant Trimardeau, as the flowers are of much heavier texture.

		1/4 Oz.	Large Pkt.	Pkt.
1535	Giant Prize Azure Blue. Violet blue	\$1 25	\$0 50	\$0 15
1537	" " Black Blue. Dark velvety	1 25	50	15
1539	" " Emperor William. Ultra-marine blue	1 25	50	15
1541	" " Hortensia Red	1 25	50	15
1543	" " King of the Blacks	1 25	50	15
1545	" " Lord Beaconsfield. Violet	1 25	50	15
1549	" " Peacock. Upper petals blue, lower petals deep claret with white margin	2 00	65	15
1551	" " Snow Queen. Pure white	1 25	50	15
1553	" " Striped and Mottled	1 25	50	15
1557	" " White with dark eye	1 25	50	15
1559	" " Pure Yellow	1 25	50	15
1561	" " Yellow with dark eye	1 25	50	15

SPECIAL OFFER.—We will send 6 packets of any of the above varieties of Giant Pansies for 75c.; or the entire 12 packets for \$1.40.

REGULAR SORTS IN SEPARATE COLORS

		Oz.	Large Pkt.	Pkt.
1565	Belgian Striped. Showy	\$1 25	\$0 30	\$0 10
1567	Emperor William. Ultramarine blue	1 25	30	10
1569	Faust (<i>King of the Blacks</i>). Almost black	1 25	30	10
1571	Gold Margined. Purple, golden edge	1 25	30	10
1573	Havana Brown	1 25	30	10
1575	Lord Beaconsfield. Violet	1 25	30	10
1577	Mahogany Colored	1 25	30	10
1579	Silver Edged. Purple, silver edge	1 25	30	10
1581	Snow Queen. Pure white	1 25	30	10
1583	White with dark eye	1 25	30	10
1585	Yellow Gem. Pure yellow	1 25	30	10
1587	Yellow with dark eye	1 25	30	10

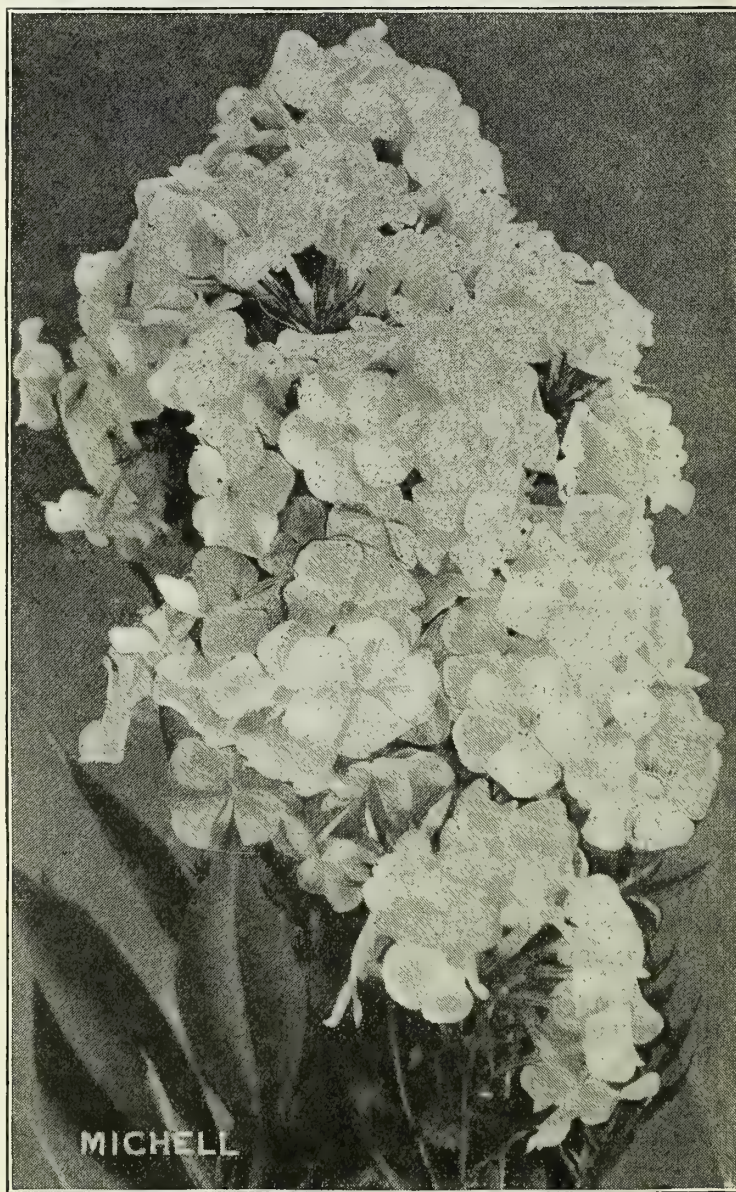
SPECIAL OFFER.—We will send 6 packets of any of the above varieties of regular sorts of Pansies for 50c.; or the entire 12 packets for 90c.

PANSIES IN MIXTURES

1595	Michell's Giant Exhibition. A strain which we have secured from the leading Pansy specialists in Germany and France. It can be relied upon to produce flowers of immense size, very heavy texture, and of the most brilliant colors. Per oz. \$6.00; \$1.00 per 1/8 oz.	(Large pkt. \$0.65)	\$0 25
1597	Bugnot, Odier and Cassier. A superb mixture of giant blotched varieties	1/8 oz. \$1.00	25
1599	Giant Trimardeau. Very large flowering; all colors mixed	1/4 oz. \$0.60 (Large pkt. \$0.40)	10
1600	Mad. Perret. Early flowering, fragrant, especially rich in red shades; large flowering	1/8 oz. \$1.00	25
1601	Masterpiece. New giant curled	1/8 oz. 1.00	25
1603	Non Plus Ultra. Beautiful colors	1/8 oz. 1.00	25
1605	Odier or Blotched. A beautiful strain	1/8 oz. .75	15
1607	Parisian Large Stained. Choicest colors	1/8 oz. .75	15
1608	Triumph of the Giant (Mette). Immense flowers of great brilliancy and richness of coloring, including many new and rare shades. Per oz. \$10.00; \$3.00 per 1/4 oz.	(Large pkt. \$0.75)	50
1609	Finest English Mixed	1/2 oz. \$1.50 (Large pkt. .30)	10
1611	Very Fine Mixed	1/2 oz. .75 (Large pkt. .20)	05
1613	Imported Collection. 6 colors		40
1614	Imported Collection. 12 colors		75

PENTSTEMON

1645	A beautiful perennial plant, producing large spikes of handsome flowers; mixed colors	(Large pkt. \$0.15)	\$0.05
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Hardy Phlox

PHLOX (Hardy)

1725	Decussata. A fine herbaceous perennial for beds and borders; mixed colors; 3 feet	(Large pkt. \$0.30)	\$0 10
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PHYSOSTEGIA (False Dragon Head)

A pretty hardy perennial, bearing freely, delicate tubular flowers; 3 to 4 feet.

- | | | | |
|------|----------------------------------|---------------------|-------------|
| 1732 | Virginica. Pink | (Large pkt. \$0.20) | Pkt. \$0 10 |
| 1733 | " Alba. White | (Large pkt. .30) | 10 |

PLATYCODON (Chinese Bell Flower)

- 1735 **Grandiflorum.** A hardy perennial bearing a profusion of large bell-shaped flowers during the whole season; mixed blue and white; 2 to 3 feet
(Large pkt. \$0.15) 05

POLYANTHUS (Primula Elatior)

Beautiful spring flowering hardy perennials; either for pot culture or for the garden; succeeds best in partial shade; 9 inches.

- | | | | |
|------|---|---------------------|-------------|
| 1738 | Gold Laced. Flowers of brilliant colors, with distinct yellow edge | (Large pkt. \$0.50) | Pkt. \$0 15 |
| 1740 | Double Mixed. Beautiful colors | (Large pkt. .65) | 15 |
| 1741 | English Mixed. The best single | (Large pkt. .30) | 10 |



Pöppy-Oriental Hybrids

POPPY (Perennials)

- | | | | |
|------|---|---------------------|-------------|
| 1780 | Giant Orange | (Large pkt. \$0.20) | Pkt. \$0 10 |
| 1782 | Giant Scarlet (<i>Bracteatum</i>) | (Large pkt. .20) | 10 |
| 1784 | Iceland, Single Mixed. Colors range from white and yellow to deep orange scarlet | (Large pkt. \$0.20) | 10 |
| 1786 | Iceland, Double Mixed | (Large pkt. .30) | 10 |
| 1787 | Oriente. Extra large flowers; deep scarlet; 3 feet | (Large pkt. \$0.25) | 10 |
| 1788 | Oriental Hybrids. Beautiful flowers, often measuring 6 inches across; of many colors | (Large pkt. \$0.30) | 10 |
| 1790 | Imported Collection. 8 varieties | | 40 |

PUERARIA (Kudzu Vine)

- 1855 **Thunbergiana.** Perennial climber; rosy purple flowers (Large pkt. \$0.30) 10

PYRETHRUM

Hardy perennials; fine for borders; very desirable for cutting; 1½ to 2 feet

- | | | | |
|------|--|---------------------|-------------|
| 1862 | Roseum. Bright rose color | (Large pkt. \$0.25) | Pkt. \$0 10 |
| 1866 | Uliginosum. Large white flowers | (Large pkt. .30) | 10 |
| 1868 | Hybridum, Single Mixed | (Large pkt. .20) | 10 |
| 1869 | Hybridum, Double Mixed | (Large pkt. .65) | 25 |

SAINTPAULIA (African Violet)

- 1910 **Ionantha.** Greenhouse plants bearing flowers resembling the violet both in color and shape 25

RUDBECKIA (Cone Flower)

- 1902 **Newmani.** Hardy perennial; large yellow flowers with black centre; 2 feet (Large pkt. \$0.50) 10



Michell's Chinese Primrose

PRIMULA

FRINGED CHINESE VARIETIES

The seed we offer is of the very choicest strain secured from a leading Primula Specialist, and our customers may rely upon it to be the very best obtainable.

- | | | | |
|------|---|---------------------|-------------|
| 1805 | Alba Magnifica. Very large white flowers with yellow eye | (Large pkt. \$0.75) | Pkt. \$0 40 |
| 1806 | Chiswick Red. Brilliant red | (Large pkt. .75) | 40 |
| 1807 | Holborn Blue. A beautiful shade | (Large pkt. .75) | 40 |
| 1809 | Kermesina Splendens. Crimson with yellow centre | (Large pkt. \$0.75) | 25 |
| 1811 | Rosy Morn. Delicate pink | (Large pkt. .75) | 25 |
| 1813 | Stellata (<i>Sutton's</i>) | Per original pkt. | 1 25 |
| 1815 | Fern Leaved. Mixed colors | (Large pkt. \$0.75) | 25 |
| 1817 | William's Superb Strain | (Large pkt. .75) | 40 |
| 1819 | Michell's Prize Mixture. This mixture contains only the very finest sorts selected from the best strains | (Large pkt. .75) | 25 |
| 1821 | Double White. Elegantly fringed | | 50 |
| 1823 | Double Mixed. All colors | | 50 |
| 1825 | Imported Collection. 8 varieties | | 75 |

PRIMULA OBCONICA GIGANTEA

A great improvement over the old type; flowers much larger, and produced in greater abundance.

- | | | | |
|------|---------------------------------------|---------------------|-------------|
| 1831 | Lilacina. Pale lilac | (Large pkt. \$0.65) | Pkt. \$0 20 |
| 1826 | Rosea. Pink | (Large pkt. .65) | 20 |
| 1827 | Kermesina. Crimson | (Large pkt. .65) | 20 |
| 1829 | Hybrida Mixed | (Large pkt. .65) | 20 |

PRIMULA OBCONICA GRANDIFLORA

- | | | | |
|------|---|---------------------|----|
| 1828 | Compacta (<i>New</i>). Excellent | (Large pkt. \$0.65) | 25 |
| 1830 | Fimbriata. Flowers finely fringed | (Large pkt. .65) | 15 |
| 1832 | Kermesina. Red; very fine | (Large pkt. .50) | 20 |
| 1834 | Rosea. Pink | (Large pkt. .40) | 15 |
| 1836 | White | (Large pkt. .40) | 15 |
| 1838 | Hybrida Mixed. Various colors | (Large pkt. .40) | 15 |

PRIMULA—OTHER VARIETIES

- | | | | |
|------|---|---------------------|----|
| 1839 | Buttercup (<i>New</i>). Yellow | (Large pkt. \$0.65) | 25 |
| 1840 | Cortusoides Sieboldii. Perennial variety; mixed colors | (Large pkt. \$0.65) | 15 |
| 1842 | Floribunda. Fragrant yellow | (Large pkt. .65) | 25 |
| 1844 | Forbesi (<i>Baby Primrose</i>). Free flowering; fine for pots; color rosy lilac | (Large pkt. \$0.65) | 25 |
| 1845 | Kewensis (<i>Giant Yellow Primrose</i>). Of strong, vigorous growth, producing numerous spikes bearing from four to six whorls of bloom; color soft yellow | (Large pkt. \$0.65) | 40 |
| 1846 | Veris (<i>English Cowslip</i>). Hardy perennial; fragrant; mixed | (Large pkt. \$0.20) | 10 |
| 1848 | Vulgaris (<i>English Primrose</i>). The common hardy English variety; canary yellow | (Large pkt. \$0.40) | 10 |

SCABIOSA (Mourning Bride)

- 1950 **Caucasica.** Fine hardy perennial; valuable for cutting; flowers lilac blue; 3 feet (Large pkt. \$0.40) 10

SMILAX (*Myrsiphyllum Asparagoides*)

- 1985 A desirable green house climber of great value for floral decorations oz. \$0.50 Pkt. \$0 10
- 1987 **Baby Smilax.** A new variety of great value; quick growing; very graceful and produces many more shoots than the old variety . . . (Large pkt. \$1.00) 25

STOCKS (*Gilliflower*)

The seed we offer is from pot-grown plants and will produce 80 per cent. large double flowers; 1 to 1½ feet.

WINTER FLOWERING STOCKS

- 2035 **Beauty of Nice.** A beautiful variety of winter flowering Stock; flowers of large size and very double; color a delicate shade of pink (Large pkt. \$0.40) Pkt. \$0 15
- 2036 **Crimson King.** Of the same type as Beauty of Nice; color brilliant fiery crimson (Large pkt. \$0.40) 20
- 2038 **Queen Alexandra.** Of the same type as Beauty of Nice; color delicate rosy lilac . . (Large pkt. \$0.40) 20

LARGE FLOWERING DWARF TEN WEEK STOCK

- 2010 **Blood Red** ¼ oz. \$0.50 (Large pkt. \$0.30) 10
- 2012 **Light Blue** ¼ oz. .50 (Large pkt. .30) 10
- 2014 **Pink** ¼ oz. .50 (Large pkt. .30) 10
- 2016 **Purple** ¼ oz. .50 (Large pkt. .30) 10
- 2018 **White** ¼ oz. .50 (Large pkt. .30) 10
- 2020 **Yellow** ¼ oz. .50 (Large pkt. .30) 10
- 2022 **Choice Mixed** ¼ oz. .50 (Large pkt. .30) 10
- 2023 **Imported Collection.** Large flowering; 8 varieties 50

EARLY FLOWERING TEN WEEK STOCK

- Apricot** (*New*). Beautiful apricot color 25
- Gloriosa** (*New*). Salmon rose 25

VARIOUS STOCKS

- 2025 **Wallflower Leaved.** Mixed . . (Large pkt. \$0.30) 10
- 2037 **Brompton or Winter.** Mixed . . (Large pkt. .40) 10
- 2039 **Excelsior.** Large, pure white. Per original pkt. I 00
- Goliath.** A New Perpetual Ten Week variety, producing an abundance of fragrant, pure white large double flowers (Large pkt. \$0.65) 25
- 2043 **Princess Alice.** (*Cut and Come Again.*) Perpetual blooming; double white fragrant blooms; fine for cutting ¼ oz. \$0.50 (Large pkt \$0.40) 10
- 2045 **Snowflake.** A dwarf variety with large double, snow-white flowers (Large pkt. \$0.40) 15



Stokesia, Cyanea

STOKESIA (*Cornflower Aster*)

- 2055 **Cyanea.** A hardy perennial, each plant bearing 20 to 30 lavender-blue flowers, resembling cornflowers; excellent for cutting; 2 feet . . (Large pkt. \$0.25) Pkt. \$0 10

STEVIA

- 2000 **Serrata.** Free blooming plants for summer or winter; bears a profusion of fragrant white flowers; 2 feet (Large pkt. \$0.20) Pkt. \$0 10

STIPA PENNATA (*Feather Grass*)

- 2005 Hardy perennial with silvery-white, feathery plumes; flowers the second season; 2 feet . (Large pkt. \$0 15) Pkt. \$0 05

SUNFLOWER (*Helianthus*)

- 2078 **Golden Bouquet.** Hardy perennial; single yellow flowers; 5 feet (Large pkt. \$0.25) Pkt. \$0 10
- 2085 **Red Perennial.** A new perennial variety; grows 4 to 6 feet high and produces a profusion of single red flowers of large size (3 pkts. \$0.65) 25

SWEET ROCKET (*Hesperis*)

- 2300 **Mixed.** Hardy perennial; fragrant white and purple flowers; 2 to 3 feet (Large pkt. \$0.15) Pkt. \$0 05

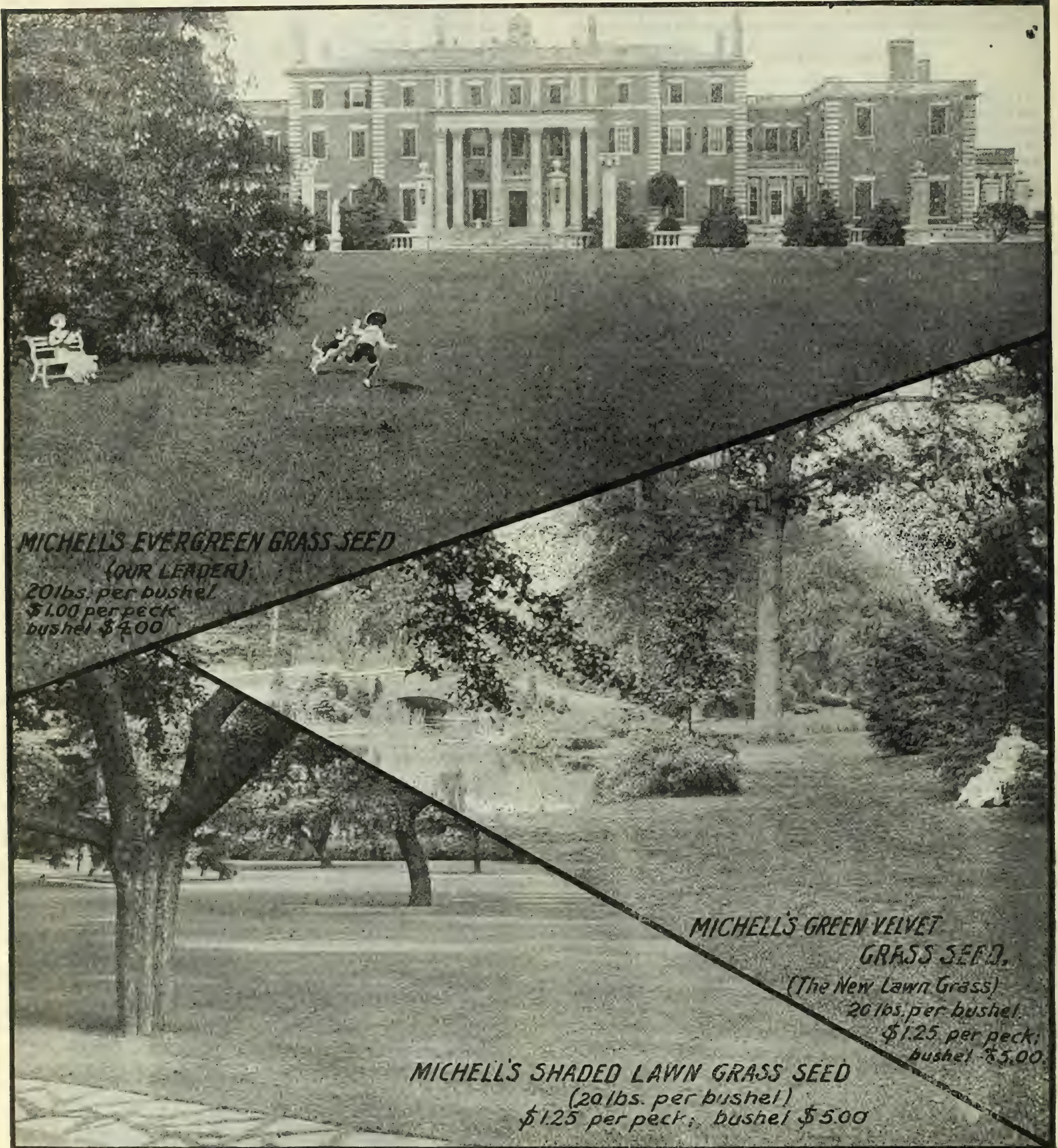


Single Sweet William

SWEET WILLIAM (*Dianthus Barbatus*)

- Hardy perennial, producing a fine effect in beds and shrubbery. Pkt.
- 2306 **Single Crimson** oz. \$0.40 \$0 05
- 2307 " **Red with white eye** oz. .40 05
- 2308 " **Velvety Maroon** oz. .40 05
- 2309 " **Violet with white eye** oz. .40 05
- 2311 " **White** oz. .40 05
- 2310 **Auricula Flowered.** A beautiful class of "eyed" single varieties, all colors mixed oz. \$0.30 05
- 2312 **Single Mixed.** All colors oz. .25 05
- 2314 **Double Mixed** oz. \$0.75 (Large pkt. \$0.20) 10

MICHELL'S LAWN GRASS MIXTURES



MICHELL'S EVERGREEN GRASS SEED

(OUR LEADER)

20 lbs. per bushel.
\$1.00 per peck
bushel \$4.00

**MICHELL'S GREEN VELVET
GRASS SEED.**

(The New Lawn Grass)

20 lbs. per bushel.
\$1.25 per peck;
bushel \$5.00

MICHELL'S SHADED LAWN GRASS SEED

(20 lbs. per bushel)

\$1.25 per peck; bushel \$5.00

TESTIMONIAL

I am much pleased with the Evergreen Grass Seed you furnished us last summer. I found it just as good in every way as some that we had gotten previously elsewhere at much more cost.

Bethayres, Pa.

JOHN G. SHELMIRE.

SEPTEMBER AND OCTOBER

are two of the best months for Grass Seed sowing, for making new, and renovating old lawns. Autumn seeding has many advantages over any other time.

TWO PEERLESS LAWN FERTILIZERS

Michell's Odorless Lawn Dressing is a lasting fertilizer, continuing to feed the grass for several seasons. No matter how small a plot you have you cannot afford to be without it. Apply at the rate of 600 lbs. per acre. Price, 5 lbs. 30c., 50c. for 10 lbs., 25 lbs. \$1.00, \$1.75 for 50 lbs., 100 lbs. \$3.00, \$5.00 for 200 lbs., ½ ton \$21.00, per ton \$40.00.

"Wizard Brand" Sheep Manure. This article when used properly constitutes the very foundation of a lawn; no care required in application, it is pure and cannot burn, giving immediate results. 5 lbs. 25c., 75c. per 25 lbs., 50 lbs. \$1.25, \$2.00 per 100 lbs., 500 lbs. \$9.50, \$17.00 per ½ ton, ton \$32.00.

GRASS SEED MIXTURES

There is nothing more essential to the well appearance of any place (whether it be a small city residence or a spacious country estate) than a well-established and kept lawn. Michell's Grass Seed Mixtures for lawns, pleasure grounds and fields are proven annually by thousands to be the very best obtainable. Last year our grass seed sales exceeded 250,000 pounds. This year they will be much larger. It might be well to compare our prices with those of other houses, who claim to give quality and at the same time charge top-notch prices. In many instances our prices are 25 per cent. less, and in no case is quality sacrificed.

MIXTURES FOR LAWNS AND PLEASURE GROUNDS

Michell's "Green Velvet" Grass Seed. This mixture represents the finest and purest lawn grass mixture offered by anyone. Practically every grain of chaff is eliminated in forming it and our customers will find it the greatest lawn grass mixture value ever offered as it will form a thick sward in two weeks during ordinary weather. Peck, \$1.25; \$5.00 per bu. of 20 lbs., 5 bush., \$23.75, \$45.00 per 10 bush.

Michell's Evergreen Lawn Grass Seed. The BEST LAWN GRASS SEED that exists for general use. Thousands of bushels sold annually; used by all the large estate managers, country clubs, and cemetery superintendents. Sow 4 bushels per acre on new lawn, or 2½ bushels in reseeding old lawns. Prices: Per qt. 25c. (postpaid 30c.), 40c. for 2 qts. (postpaid 50c.), 4 qts. 65c., pk. \$1.00, bu. of 20 lbs. \$4.00, 5 bu. \$18.75, \$36.50 per 10 bu.

Michell's Shaded Lawn Grass Seed. Difficulty is frequently experienced in establishing a lawn where shade and other trees exist. This has been entirely overcome by the introduction of this formula. Those who have used it cannot get along without it for seeding shaded locations. Prices: Per qt. 25c. (postpaid 30c.), 40c. for 2 qts. (postpaid 50c.), 4 qts. 75c., \$1.25 per pk., per bush. of 20 lbs. \$5.00, \$22.50 for 5 bush., 10 bush. \$42.50.

Fairmount Park Lawn Seed. A very fine mixture indeed, meeting the requirements of those desiring a moderately-priced grass seed. Sow 4 bushels to the acre on new land or 2½ bushels on old ground. Prices: Per qt. 20c. (postpaid 25c.), 35c. for 2 qts. (postpaid 45c.), 4 qts. 50c., 75c. per pk., per bush. of 15 lbs. \$2.75, \$13.00 for 5 bush., 10 bush. \$25.00.

Evergreen Grass with no Clover. Many people do not like white clover in a lawn. Price: Per qt. 25c. (postpaid 30c.), 40c. for 2 qts. (postpaid 50c.), 4 qts. 65c., \$1.00 per pk., per bush. of 20 lbs. \$4.00, \$18.75 for 5 bush., 10 bush. \$36.50.

Michell's Seashore Formula Grass Seed. The salt atmosphere plays havoc with the seashore lawn. This formula contains such grasses only as thrive best in salt air regions. Sow 4 bushels to the acre on new ground or 2½ bushels for reseeding old lawns. Prices: Per qt. 25c. (postpaid 30c.), 40c. for 2 qts. (postpaid 50c.), 4 qts. 65c., \$1.00 per pk., per bush. of 20 lbs. \$4.00, 5 bush. for \$18.75, \$36.50 for 10 bush.

Michell's Terrace or Embankment Grass Seed. Sow 4 bushels per acre. Prices: Per qt. 25c. (postpaid 30c.), 40c. for 2 qts. (postpaid 50c.), 4 qts. 65c., \$1.00 per pk., per bush. of 20 lbs. \$4.00, 5 bush. \$18.75, \$36.50 for 10 bush.

Michell's Golf Course Grass Seed. Sow 5 bushels per acre. Prices: Per qt. 20c. (postpaid 25c.), 35c. for 2 qts. (postpaid 45c.), 4 qts. 50c., 85c. per pk., per bush. of 15 lbs. \$3.00, 5 bush. \$13.75, \$26.00 for 10 bush.

Michell's Putting Greens Grass Seed. This mixture is made up especially from such grasses as will grow very short and make a solid surface to withstand heavy wear. Prices: Per qt. 25c. (postpaid 30c.), 40c. for 2 qts. (postpaid 50c.), 4 qts. 70c., \$1.25 per pk., per bush. of 20 lbs. \$5.00, 5 bush. \$22.50, \$42.50 for 10 bush.

Michell's Lawn Tennis and Polo Grass Seed. The growth is short and compact, of rich green verdure. Sow 4 bushels per acre on new lawn or 2½ bushels on old lawns. Prices: Per qt. 25c. (postpaid 30c.), 40c. for 2 qts. (postpaid 50c.), 4 qts. 65c., \$1.00 per pk., per bush. of 20 lbs. \$4.00, 5 bush. \$18.75, \$36.50 for 10 bush.

Southern States Lawn Grass Seed. Made up especially for dry, hot localities, especially suited to the Southern States. 15 lbs. per bushel. Prices: 20c. per qt. (postpaid 25c.), 2 qts. 35c. (postpaid 45c.), 50c. for 4 qts., pk. 85c., \$3.00 per bush., 5 bush. \$13.75.

Special Sod Grass Seed. A quick growing mixture, making a very tough and heavy sod in a short time; especially valuable for cemeteries, pleasure grounds, etc. 15 lbs. per bush. Prices: 25c. per qt. (postpaid 30c.), 2 qts. 40c. (postpaid 50c.), 75c. for 4 qts., pk. \$1.00, \$3.50 per bush., 5 bush. \$16.75, \$32.50 for 10 bush.

GRASS MIXTURES FOR FIELDS

Michell's Permanent Pasture Grass Seed. A composition of varieties of grasses. A single seeding lasts for years; may be used as a pasture one season, the next as a hay crop. Sow 50 lbs. per acre on new land or 30 lbs. on old lands. 15 lbs. per bush. Prices: Per qt. 20c. (postpaid 25c.), 50c. for 4 qts., per pk. 75c., \$2.75 per bush., 5 bush. \$13.00, \$25.00 for 10 bush., 50 bush. \$112.50.

Exposition or Quick-Growth Grass Seed. This is largely used in fields for pasturage, or when an immediate growth is desired (15 lbs. per bushel). Prices: Per qt. 20c. (postpaid 25c.), 30c. for 2 qts. (postpaid 40c.), per pk. 75c., \$2.75 per bush., 5 bush. \$12.50.

Michell's Hay Field Grass Seed. A thoroughly reliable mixture of seed suitable for hay. When sown and established this grass will stand for years with an occasional seeding of a small amount to make up for any worn-out spots. Sow 50 lbs. per acre (15 lbs. per bush.). Prices: 20c. per qt. (postpaid 25c.), 4 qts. for 50c., 75c. per pk., per bush. \$2.75, \$13.00 for 5 bush., 10 bush. \$25.00, \$112.50 for 50 bush.



CLIMAX LAWN SAND absolutely destroys Dandelions, Plantain and any other broad-leaved weed with hairy surface, on the lawns, at the same time promoting the growth of the finer grasses and adding to the beauty of the lawn. By its use the most weedy and impoverished lawn, golf ground, tennis court, bowling green or putting green is quickly transformed into a perfect sward of fine grass without the aid of any other fertilizer.

QUANTITY REQUIRED

3½ lbs. will dress 150 sq. ft.	28 lbs. will dress 1,000 sq. ft.
7 lbs. will dress 250 sq. ft.	56 lbs. will dress 2,000 sq. ft.
14 lbs. will dress 500 sq. ft.	112 lbs. will dress 4,000 sq. ft.

PRICES

3½ lbs.—Tin can . . . \$0.60	28 lbs.—Wooden keg . \$3.00
7 lbs.—Tin can . . . 1.00	56 lbs.—Wooden keg . 5.00
14 lbs.—Tin can . . . 1.75	112 lbs.—Wooden keg . 8.00

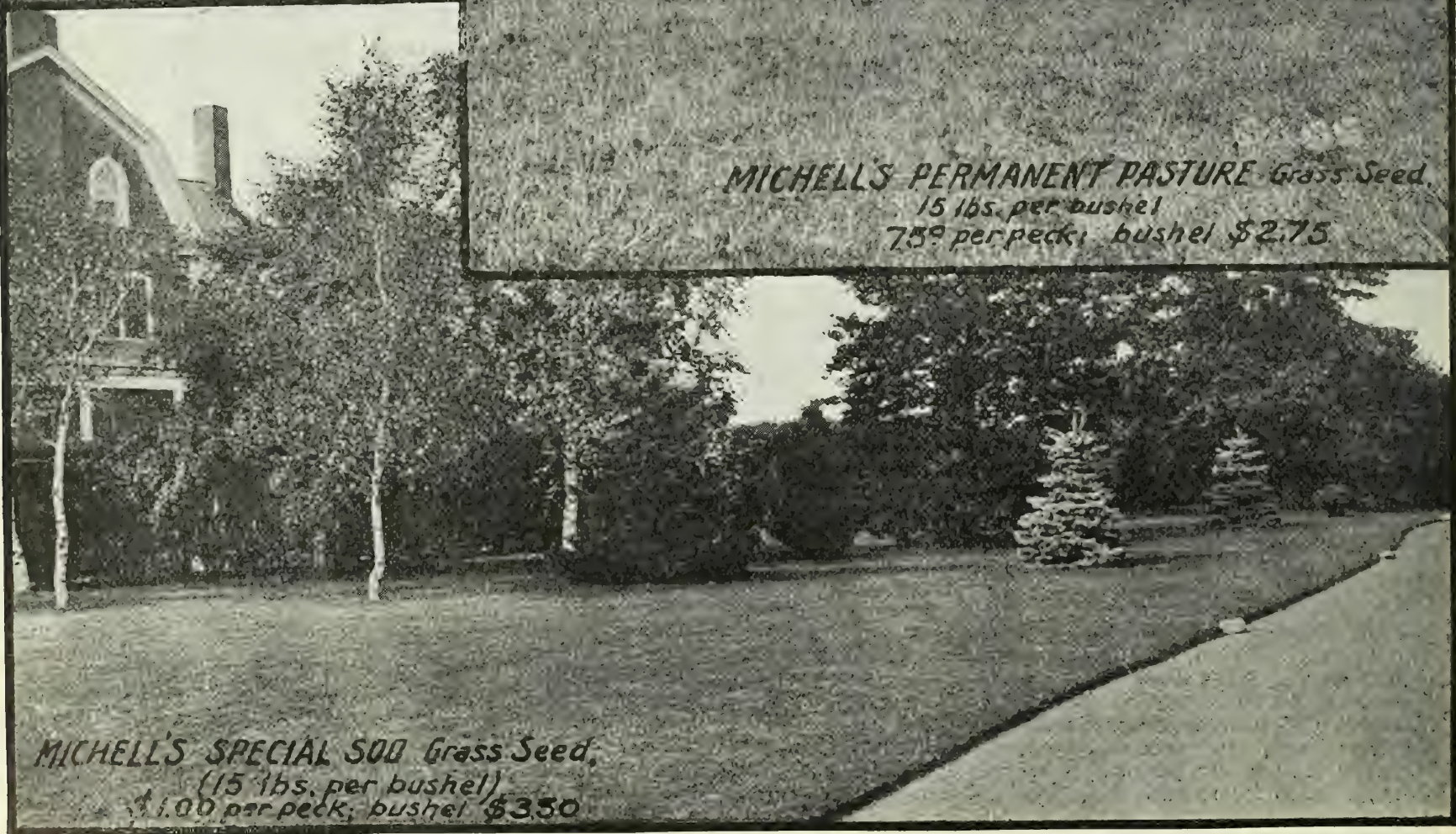
MICHELL'S GRASS SEED MIXTURES



MICHELL'S GOLF COURSE
Grass Seed,
(15 lbs. per bushel)
85¢ per peck; bushel \$ 3.00



MICHELL'S PERMANENT PASTURE Grass Seed,
15 lbs. per bushel
75¢ per peck; bushel \$2.75



MICHELL'S SPECIAL SOD Grass Seed,
(15 lbs. per bushel)
\$1.00 per peck; bushel \$3.50

TESTIMONIAL Office of West Laurel Hill Cem. Co.

Please send us 10 bu. more of your Special Sod Grass, making a total of 40 bu. Our chief landscape gardener reports that it is very good, and the writer knows it is giving satisfaction.

A. L. SMITH (Treas.)

WHITE DUTCH LAWN CLOVER

Excellent for thickening and promoting the growth of grass. Sow 10 to 12 lbs. per acre. 30c. per lb.; 5 lbs., \$1.40; \$2.50 per 10 lbs.; bu. (60 lbs.), \$14.50; \$24.00 per 100 lbs.

GRASS SEEDS IN SEPARATE VARIETIES

OUR SEPARATE VARIETIES OF GRASSES have all been Tested for Purity and Germination, and are all in A 1 Condition.

PRICES SUBJECT TO MARKET CHANGES.

We offer these separate grasses because many people like to sow them alone, while others prefer to have mixtures made to order. We mix grass in any proportion of varieties at prices quoted here. No charges for mixing.

Awnless Brome (*Bromus Inermis*). Excellent for sowing on dry barren lands; will stand drought better than any other variety; sow 40 lbs. per acre. (Bu. 14 lbs.). Price, 20c. per lb., per bu. \$2.50, \$14.00 per 100 lbs.

Bermuda Grass (*Cynodon Dactylon*). Valuable especially in the South for establishing grass on lawns and pleasure grounds. Not being hardy, it should not be sown in the latitude of Philadelphia. Sow 10 lbs. per acre. Lb. 60c. (postpaid 68c), bu., 35 lbs., \$20.00; \$55.00 per 100 lbs.

Blue Grass, Fancy Kentucky (*Poa Pratensis*). This is the most valuable of our lawn and pasture grass seeds; forms the body of all lawn seed mixtures. Our stock of this is extra fine, thoroughly re-cleaned; sow 3 to 5 bu. per acre on lawns, 2½ to 3 bu. on pasture fields. (Bu., 14 lbs.) Price, 15c. per qt., per lb. 25c., 85c. per peck, per bu. \$3.00, \$19.00 per 100 lbs.

Blue Grass, Canadian (*Poa Compressa*). Makes an ideal pasture highly relished by cattle; excellent also for sowing on embankments; sow in same proportions as Kentucky Blue Grass Seed. (Bu., 14 lbs.) Price, 15c. per lb., per bu. \$1.60, \$11.00 per 100 lbs.

Creeping Bent (*Agrostis Stolonifera*). Adapted admirably for lawns also putting greens, tennis courts, etc.; sow 4 bu. per acre (20 lbs. per bu.). Price, 30c. per lb., bu. \$5.50, 100 lbs. \$26.50.

Crested Dogtail (*Cynosurus Cristatus*). Suitable for hard soils that are liable to bake; excellent also as a pasture and lawn grass. Sow 3½ to 4 bu. per acre (21 lbs. per bu.). Price, 45c. per lb., per bu. \$7.50, \$35.00 per 100 lbs.

English, or Perennial Rye Grass (*Lolium Perenne*). (Pacey's Fancy Seed.) This makes the quickest returns in growth of any grass; is deep rooted and is readily established. Sow 3 bu. per acre (24 lbs. per bu.). Price, 10c. per lb., per bu. \$2.00, \$8.00 per 100 lbs.

Fine Leaved Sheep's Fescue (*Festuca Tenuifolia*). This grass is especially valuable for poor dry soils; sow 30 lbs. to the acre. (Bu., 14 lbs.) 45c. per lb., bu. \$6.00, \$35.00 per 100 lbs.

Herd or Red Top Fancy Re-cleaned. This is one of the best grasses for sowing for immediate effect. Our stock is free from chaff and is absolutely pure. Sow 25 lbs. per acre (32 lbs. per bu.). Price, 30c. per lb., per bu. \$7.25, \$22.00 per 100 lbs.

Herd or Red Top (*Agrostis Vulgaris*). This is the same variety as above, but the chaff has not been entirely removed. Sow 4 to 5 bu. per acre on lawns or 3 bu. on pasture lands (10 lbs. per bu.). Price, 18c. per lb., per bu. \$1.50, \$12.50 per 100 lbs.

Hard Fescue (*Festuca Duriuscula*). Sown on dry places or on undesirable ground this grass gives excellent results. Sow 3 bu. per acre (12 lbs. per bu.). Price, 20c. per lb., per bu. \$2.25, \$17.00 per 100 lbs.

Italian Rye (*Lolium Italicum*). Very desirable for pasture; being an annual, it comes to maturity the first season. Sow 50 lbs. per acre (18 lbs. per bu.). Price, 12c. per lb., per bu. \$1.60, \$8.00 per 100 lbs.

Meadow Fescue (*Festuca Pratensis*). Also known as English Blue Grass; used principally for hay and pasture field sowing; also excellent for lawns. Sow 40 to 50 lbs. per acre (22 lbs. per bu.). Price, 35c. per lb., per bu. \$6.00, \$25.00 per 100 lbs.

Meadow Foxtail (*Alopecurus Pratensis*). Fine for hay and pasture purposes. Sow 30 or 40 lbs. per acre (7 lbs. per bu.). Price, 45c. per lb., per bu. \$2.75, \$35.00 per 100 lbs.

Natural Green. Largely sown on lawns and fields. Sow 4 bu. per acre (14 lbs. per bu.). Price, 20c. per lb., per bu. \$2.00, \$12.00 per 100 lbs.

Orchard Grass (*Dactylis Glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Sow 40 lbs. per acre (12 lbs. per bu.). Price, 35c. per lb., per bu. \$3.00, \$22.00 per 100 lbs.

Red or Creeping Fescue (*Festuca Rubra*). Very valuable for sowing on sandy soil and in shaded places. (14 lbs. per bu.). Price, 40c. per lb., per bu. \$4.50, \$30.00 per 100 lbs.

Rhode Island Bent (*Agrostis Canina*). For sowing at seashore resorts, on putting greens, tennis courts, etc., this is very desirable. Sow 40 lbs. per acre (14 lbs. per bu.). Price, 35c. per lb., per bu. \$4.25, \$27.50 per 100 lbs.

Sheep's Fescue (*Festuca Ovina*). This makes an excellent grass for sowing on lawns, fields or pleasure grounds. Sow 40 lbs. per acre (12 lbs. per bu.). Price, 25c. per lb., per bu. \$2.75, \$17.00 per 100 lbs.

Sweet Vernal Annual; (*Anthoxanthum Odoratum Puelli*). Of a fragrant odor, imparting same to the hay; it is very valuable for sowing on pastures and also lawns. Sow 3 lbs. per acre with other grasses. Price, 25c. per lb., 5 lbs. 75c.

Sweet Vernal Perennial; (*Anthoxanthum Odoratum Real*). Used similar to the above, except this sort remains permanent where sown. Price, 65c. per lb., 5 lbs. \$2.25.

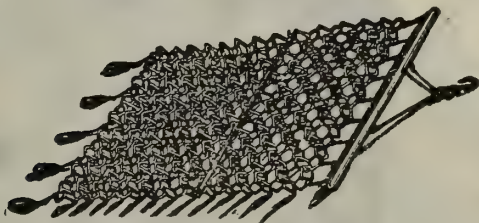
Timothy (*Phleum Pratense*). Especially adapted for sowing for hay crops amongst wheat. Sow ½ bu. per acre alone. (45 lbs. per bu.). Price (subject to market change), 10c. per lb., per peck, 75c., \$2.65 per bu.

Wood Meadow (*Poa Nemoralis*). The best grass for sowing under trees where a lawn is desired. Sow 30 lbs. per acre (14 lbs. per bu.). Price, 60c. per lb., per bu. \$7.50, \$50.00 per 100 lbs.

WHITE CLOVER

Choicest re-cleaned for sowing on lawns, etc. Sow 10 to 12 lbs. per acre (60 lbs. per bu.). Price 30c. per lb.; 5 lbs., \$1.40; \$2.50 per 10 lbs.; bu., \$14.50; \$24.00 per 100 lbs.

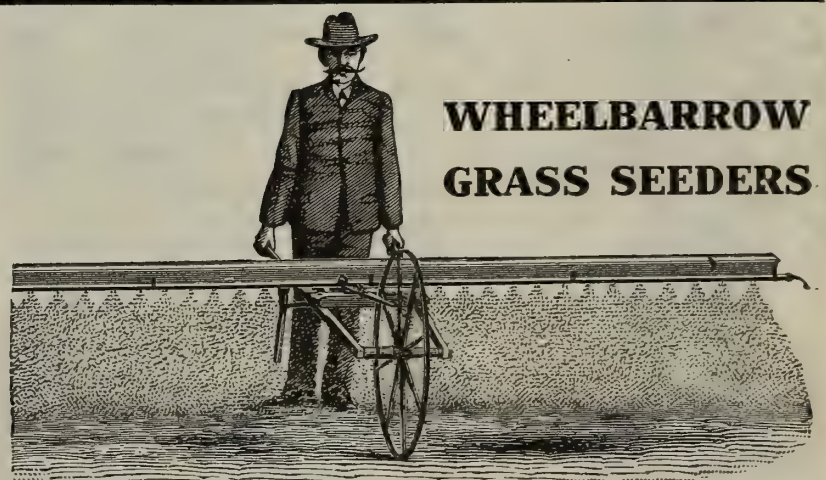
SCOTCH CHAIN GRASS HARROW



Positively the very best harrow to be had for putting the ground (where a lawn or pasture land is to be established) in the finest possible condition. Wherever a large or important undertaking of lawn or field work is in progress, this harrow should be employed. Very good also for dragging over roads and drives for the purpose of smoothing same. Made entirely of steel; never wears out.

- No. 1—For 1-horse, 5 x 6 feet\$18.00
- No. 2—For 2- " 6 x 7¾ " 25.00
- No. 3—For 2- " 9 x 11 " 32.00

WHEELBARROW GRASS SEEDERS



These machines are now largely used for distributing grass and other seeds over large areas. The distributing box is very near the ground which is an important feature, preventing the seed from blowing away and thus coming up unevenly. Price (14-foot sowing area), \$7.00; 16-foot sowing area, \$8.00.

ADD 8 CTS. PER LB. FOR POSTAGE WHEN GRASSES ARE DESIRED BY MAIL.

MICHELL'S CHOICE FARM AND CLOVER SEEDS All prices subject to market changes

The intelligent and practical (both commercial and gentleman) farmer constantly sees the advantages and necessity in buying only first-class farm seeds. This object in view has led us to be known as handlers of high grade cleaned farm seeds. Customers may positively rely upon anything they may purchase from us in this line to be absolutely true to name and free from any adulteration. Samples of any variety of farm seeds cheerfully mailed upon request without cost. **Add 22c. for each 2-bushel seamless bag when ordering farm seeds.** These are returnable and will be credited at the same rate.

CLOVERS (60 lbs. per bushel)



Michell's Fancy Delaware Grown Crimson Clover.

Alfalfa or Lucerne (*Extra fancy Utah Grown*). Alfalfa makes the finest clover imaginable and when once established in the soil it is good for many years. For a sure crop sow 30 lbs. per acre. Height about 2½ feet. Four crops may be cut in one season. Alfalfa greatly increases the flow of milk and yields a richer quality. Price, 20c. per lb.; pk. \$2.75; \$11.00 per bu.

Alsike or Swedish. Particularly valuable when sown for mingling with other hay crops. Lasts many years where sown. Sow 10 lbs. per acre alone or 6 lbs. where sown with other grass or hay crop. Height, 1 to 3 feet. Price, 22c. per lb.; per pk., \$2.75; \$10.50 per bu.

Bokhara. A tall, quick-growing variety, principally used for providing food for bees. Excellent for ensilage, as it may be cut several times a season. Sow 15 lbs. per acre. Height, 3 to 5 feet. Price, 30c. per lb.; 10 lbs., \$2.50.

Crimson (*Delaware Grown*). Used principally for soiling or green manuring, is also relished by cattle when they become accustomed to it. Sow 20 lbs. per acre. If desired for feed, it should be cut before coming into flower. Height, about 2 feet. Price, 12c. per lb.; per pk., \$1.75; \$7.00 per bu.

Mammoth Red (*Pea Vine Clover*). Also called English Cow Grass. This sort is very similar to the *Red Medium*, excepting that it grows somewhat larger and remains established longer. Sow 15 lbs. per acre if sown alone or 10 lbs. if sown with another hay or grass crop. Price, 15c. per lb.; per pk., \$2.00; \$8.00 per bu.

Red (*Medium*). This is the most generally used of all clovers. Principally sown for hay purposes on timothy fields early in the spring. Sow 20 lbs. per acre if alone or 15 pounds where other grass or hay crops are standing. Height, about 18 inches to 2 feet. Price, 15c. per lb.; per pk., \$2.00; \$8.00 per bu.

White Dutch Clover. For field use on pasture lands it is extremely valuable. Sow 10 to 12 lbs. per acre on land seeded with grass or other grain. *Our seed of White Clover is extra well cleaned.* Price, 30c. per lb.; 5 lbs., \$1.40; \$2.50 for 10 lbs.; per bu., \$14.50; \$24.00 per 100 lbs.

VETCHES

Sand or Winter (*Vicia Villosa*). Fine for forage or turning under, matures several weeks earlier than Crimson clover. Very nutritious, growing 5 to 6 feet high in the poorest soil. Sow ½ to 1 bu. per acre. 10c. per lb.; 10 lbs., 95c.; \$5.50 per bu. of 60 lbs.; 100 lbs., \$9.00.

CHOICE SEED WHEAT

Our Seed Wheat is grown principally on the farms or estates of gentleman farmers who bear in mind the most important point in wheat growing, that is, well fertilized ground. Most of the wheat offered here has been engaged by us and has a record of having yielded from 36 to 40 bushels per acre. Sow 1½ to 2 bushels per acre (60 lbs. per bu.).

Fultz-Mediterranean A hybrid variety, a cross between the *Fultz* and the *Red Mediterranean*. Some heads are bearded, while others are bald. 65c. per pk.; per bu., \$2.50.

Fultz. A white bald variety, a big yielder of seed; straw very stiff. 60c. per pk.; per bu., \$2.00.

Dietz Longberry (Bearded). One of our best red wheats, largely in demand by millers. 60c. per pk.; per bu., \$2.00.

Jones Winter Fife (Bald). Very prolific, hardy red variety, long grain heads and stiff straw. 60c. per pk.; per bu., \$2.00.

SEED RYE

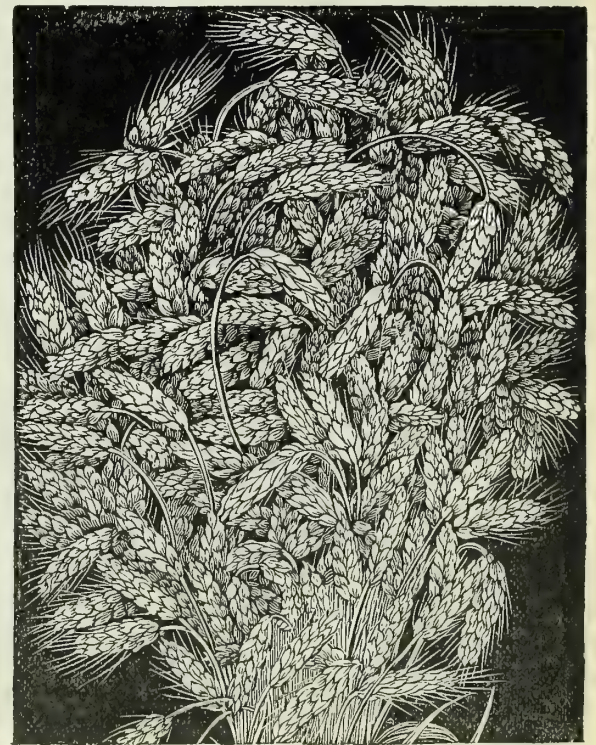
Pennsylvania White Winter. Grown on the farms of large estates where it is carefully rogued and selected. It is grown on the best of soil which insures plenty of vitality, and strong luxuriant growth. Sow 1½ bu. per acre. Prices, 40c. per pk.; per bu., \$1.35.

RECLEANED TIMOTHY SEED

We handle the very choicest cleaned brand of timothy. On account of the large quantity we handle, we are able to quote very low. Sow ½ bu. per acre alone or 6 qts. if sown with wheat (45 lbs. per bu.). Price, 10c. per lb.; per pk., 75c.; \$2.65 per bu. Special price on large quantities.



Timothy.

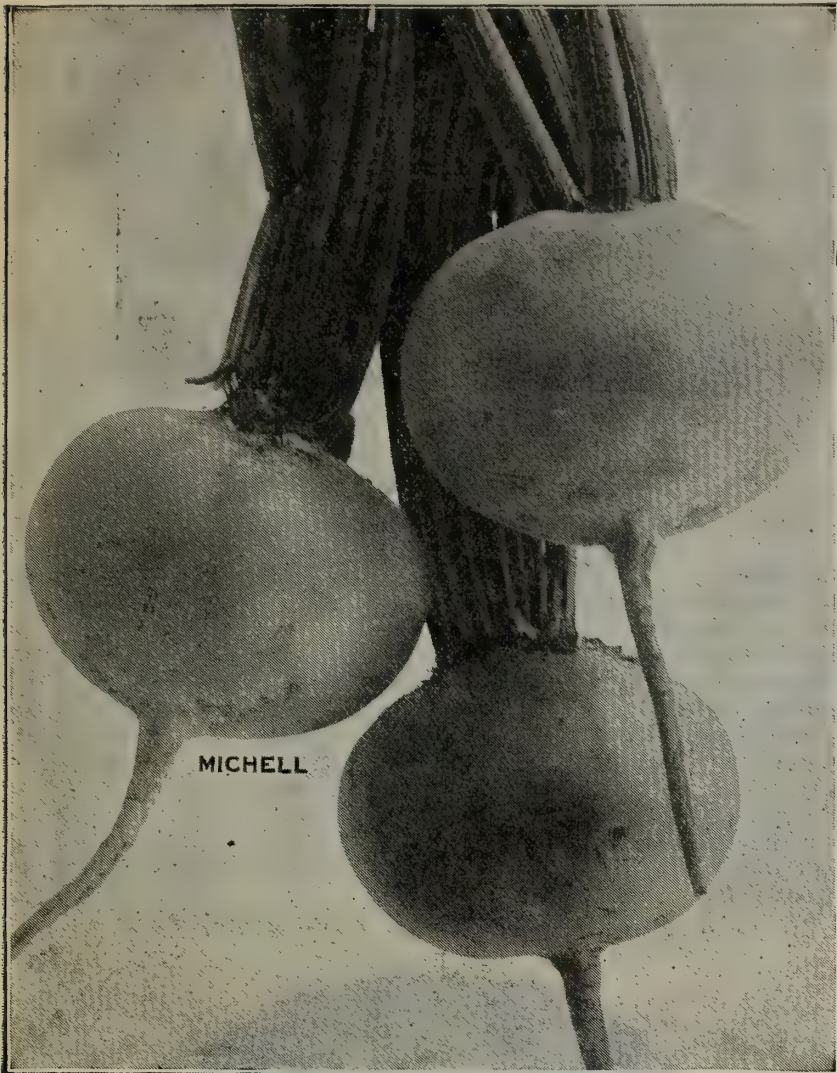


Dietz Longberry Wheat.

Our General Seed Catalogue offers a complete list of farm seeds.

SEASONABLE VEGETABLE SEEDS

For a complete list see our General Seed Catalog, mailed on request



Crosby's Egyptian Beet

BEET—Table Varieties

	Pkt.	Oz.	¼ Lb.	Lb.
Arlington Favorite Blood (Turnip)	\$.05	\$.10	\$.30	\$.85
Bassano Extra Early (Turnip)	.05	.10	.25	.75
Bastian's Early Turnip (16 lb. per bu.)	.05	.10	.20	.65
Crosby's Egyptian (Turnip)	.05	.10	.30	1.10
Detroit Dark Red (Turnip)	.05	.10	.25	.75
Eclipse Extra Early (Round)	.05	.10	.30	.85
Edmand's Blood (Turnip)	.05	.10	.20	.65
Lentz Turnip	.05	.10	.20	.60

Also all other Varieties



Forcing Beans, Triumph of the Frames

FORCING BEANS

These are a very prolific crop in a greenhouse during winter months. They are easily succeeded with requiring little care except warmth, etc.

	Pkt.	Pt.	Qt.	4 Qts.
Emperor William (Green Flat Pod)	\$.10	\$.35	\$.60	\$2.15
Sion House (Green Round Pod)	.10	.35	.60	2.15
Triumph of the Frames (Very slender Green Round Pod)	.10	.25	.45	1.60

FORCING CUCUMBERS

	Pkt. of 12 seeds	Per 100 seeds
Covent Garden	\$.25	\$2.00
Lockie's Perfection	.25	2.00
Marquis of Lorne	.25	2.00
Rochford's Market	.25	2.00
Sion House	.25	2.00
Telegraph	.25	2.00
Tender and True	.25	2.00

Also all other Varieties

CAULIFLOWER

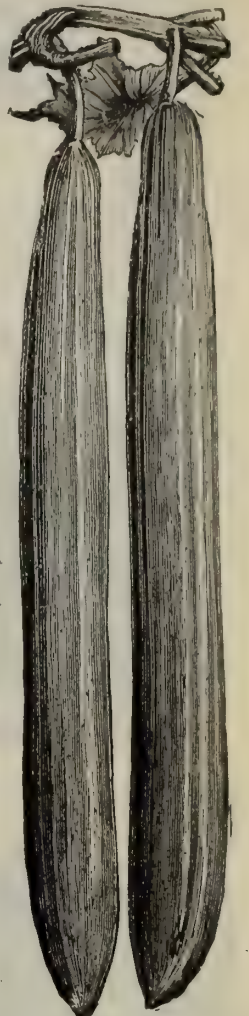
Varieties especially suited to sow under glass.

	Pkt.	¼ Oz.	Oz.
Early Snowball	\$.20	\$.85	\$2.75
Earliest Snow Storm	.25	1.50	5.00
Michell's Selected Erfurt	.20	.85	2.75

TESTIMONIAL ON MICHELL'S CAULIFLOWER

Carlisle, Pa.
I am pleased to say that the seed of Cauliflower procured of you produced extra fine heads. It gave the best of satisfaction to my critical trade in New York.

J. ROBBINS.



Sion House Cucumber

FORCING CARROTS

	Pkt.	Oz.	¼ Lb.	Lb.
Early Scarlet Horn, ½ long	\$.05	\$.10	\$.30	\$.90
Early Short Horn, round	.05	.10	.30	1.00
Rubicon, ½ long	.05	.10	.30	1.00



Michell's Selected Snowball Cauliflower



CORN SALAD

This is usually sown early in September and allowed to stand outside all winter. Before severe weather settles, cover the salad with a light litter of leaves, hay or straw. On mild days it can be cut just like spinach, lasting well into the spring.

	Pkt.	Oz.	¼ lb	Lb.
Large Leaved Round Seeded	\$.05	\$.10	\$.20	\$.60



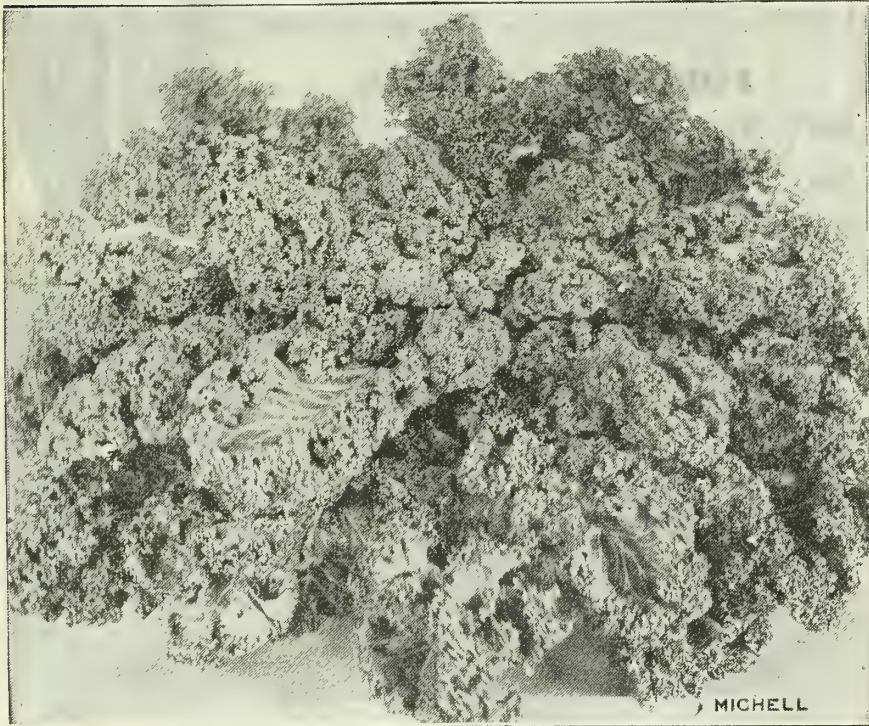
Water Cress

CRESS

Garden and Water Cress make an excellent winter crop under glass, and will always be welcomed on the table.

Erfurt Water Cress, pkt., 10c; 20c. per ½ oz.; oz., 30c.; \$1.00 per ¼ lb.

Extra Curled Garden Cress or Pepper Grass, pkt., 5c.; 10c. per oz.; ¼ lb., 20c.; 50c. per lb.

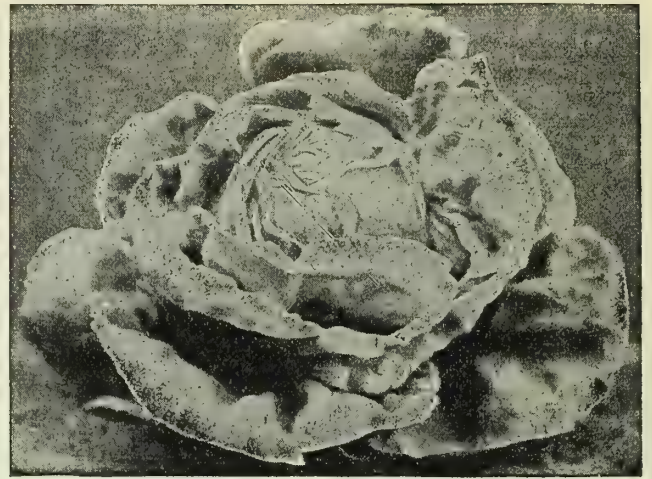


Dwarf Green Scotch Kale

KALE

This can be sown early in September, broadcast or in drills. When severe cold weather is at hand it should be protected with a covering of straw, salt hay or other litter. On mild days it can be gathered readily, making an excellent winter greens, which will last well into spring.

	Pkt.	Oz.	¼ lb.	Lb.
Dwarf Green Curled German	\$.05	\$.10	\$.25	\$.80
Dwarf Green Scotch (New)	.05	.10	.30	.80
New Imperial Long Standing	.05	.10	.30	.90
Tall Purple Scotch	.05	.10	.25	.75



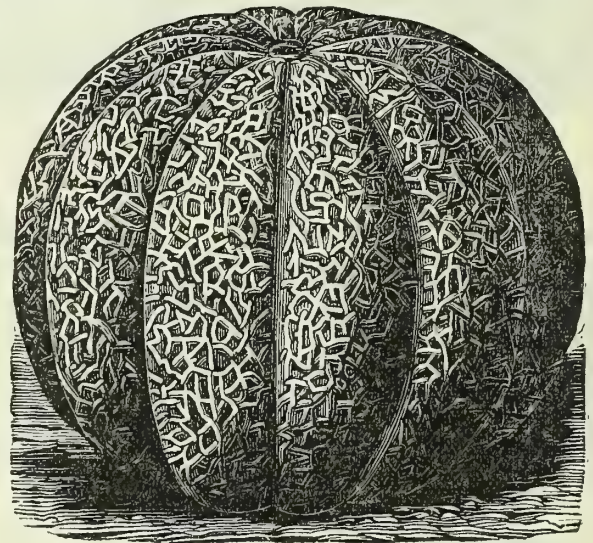
Boston Market Lettuce

LETTUCE

Varieties especially suited for forcing and sowing under glass.

	Pkt.	½ oz.	Oz.	¼ lb.	Lb.
All Heart	\$.10	\$.15	\$.25	\$.75	\$2.25
Big Boston (Selected Stock)	.05	.10	.20	.60	2.00
Boston Market (White Seeded)	.05	.10	.15	.40	1.25
Dutch Butter, Private Stock	.05	.15	.30	1.00	2.50
Emperor Forcing	.05	.10	.15	.45	1.60
Golden Queen	.05	.10	.15	.40	1.40
Grand Rapids Forcing	.05	.10	.15	.40	1.40
Michell's "Number One"	.10	.15	.30	1.00	3.00
Sensation	.05	.10	.20	.50	1.75
Silver Ball	.05	.10	.15	.40	1.40
Tennis Ball (Black Seeded)	.05	.10	.15	.40	1.40
Unrivald	.05	.10	.20	.60	2.00
Wonderful	.05	.10	.20	.50	1.75

For other Varieties see our General Seed Book



FORCING MELONS OR CANTALOUPE

They require a very warm well-shaded house, thriving best in good rich soil. If you have a spare corner try a few plants. A single plant produces a number of fruits.

	Per Packet
Blenheim Orange	\$.25
Invincible Scarlet	.25
Sutton's Al	.50
Windsor Castle	.25

PARSLEY

	Pkt.	Oz.	¼ lb.	Lb.
Champion Moss-Curled	\$.05	\$.10	\$.25	\$.85
Double Curled (Covent Garden)	.05	.15	.45	1.25
Dwarf Perfection	.10	.25	.75	2.75
Extra Curled Perpetual	.05	.10	.25	.85
Fern Leaved	.05	.10	.30	.90
Hamburg or Rooted	.05	.10	.25	.85
Plain Curled	.05	.10	.25	.75
Summer Green	.05	.10	.25	.85

Our General Seed Catalog gives a full description of all varieties of Vegetable Seeds we offer



Michell's (Improved Strain) Cardinal Globe Radish

RADISH

	Pkt.	Oz.	¼ Lb.	Lb.
Beckert's Chartier (Long Scarlet)	\$.05	\$.10	\$.20	\$.60
Black (½ Long Winter)	.05	.10	.30	1.00
Black Spanish (Long Winter)	.05	.10	.20	.60
Black Spanish (Round Winter)	.05	.10	.20	.60
Brightest Scarlet (½ Long)	.05	.10	.20	.60
California White Winter	.05	.10	.25	.75
Cardinal Globe	.05	.10	.30	1.00
Cardinal Globe (Improved Strain)	.05	.15	.40	1.25
Celestial or White Chinese (Winter)	.05	.10	.25	.70
Crimson Giant (New)	.05	.10	.30	1.00
Fireball	.05	.10	.25	.75
French Breakfast	.05	.10	.25	.70
Golden Olive Shaped (Yellow)	.05	.10	.20	.65
Icicle (Long, Pure White)	.05	.10	.25	.70
Icicle (Improved Strain)	.05	.15	.40	1.25
Large White Summer (Turnip-Shaped)	.05	.10	.20	.60
Long Scarlet Short Top	.05	.10	.20	.60
Long White Lady Finger	.05	.10	.25	.75
Round Red Forcing or Button	.05	.10	.30	.80
Round Scarlet China (Winter)	.05	.10	.25	.70
Round White Forcing or Button	.05	.10	.25	.70
Scarlet China Winter (½ Long)	.05	.10	.20	.60
White Box (Felton's Private Stock)	.05	.15	.30	1.00
White Box (Myer's Stock)	.05	.10	.25	.75
White Strasburg (½ Long)	.05	.10	.20	.70

TESTIMONIAL

Battlesville, Oklahoma.

Enclosed is draft to pay my bill. I can buy seeds nearer home but the reason I send to you is because I know what to expect.

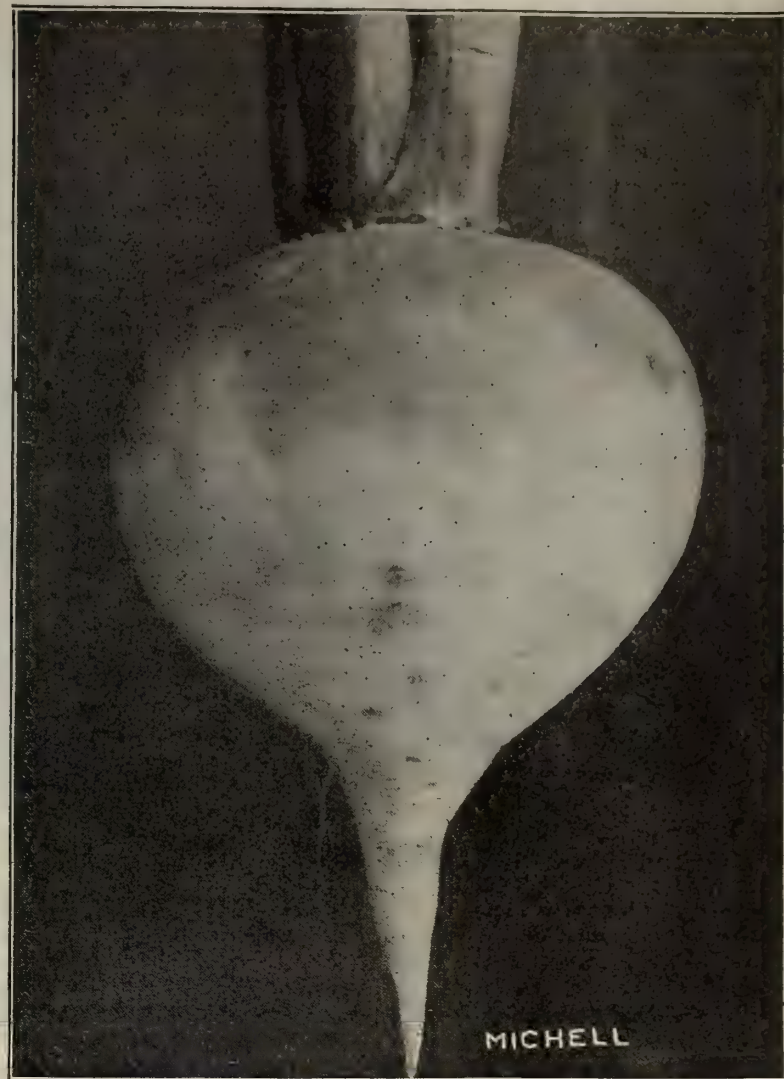
A. E. BOYCE

TESTIMONIAL

Cadillac, Michigan.

I want to thank you for prompt delivery of my order, the close attention you gave to my instructions and for the unusual courtesy shown.

CHESTER H. CLAPP



Private Strain Improved Purple Top White Globe Turnip

TURNIP AND RUTA BAGA

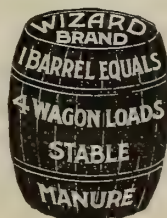
	Pkt.	Oz.	¼ Lb.	½ Lb.	Lb.
Cow Horn	\$.05	\$.10	\$.20	\$.30	\$.50
Early Purple Top, Flat	.05	.10	.20	.30	.50
Early White Egg	.05	.10	.20	.30	.50
Early Purple Top Munich	.05	.10	.20	.35	.60
White Globe (Private Stock)	.05	.15	.35	.50	1.00
Purple Top White Globe	.05	.10	.20	.30	.50
Robertson's Golden Ball	.05	.10	.20	.30	.50
Ruta Baga, Yellow Purple Top	.05	.10	.20	.30	.50
Ruta Baga, Private Stock, Globe	.05	.15	.30	.50	1.00
Snow Ball, Extra Early, White	.05	.10	.20	.35	.60
White Flat Dutch, Strap Leaved	.05	.10	.20	.30	.50
White Milan, Extra Early	.05	.10	.25	.45	.80
Yellow Aberdeen, Flat	.05	.10	.20	.30	.50
Yellow Globe or Amber	.05	.10	.20	.30	.50



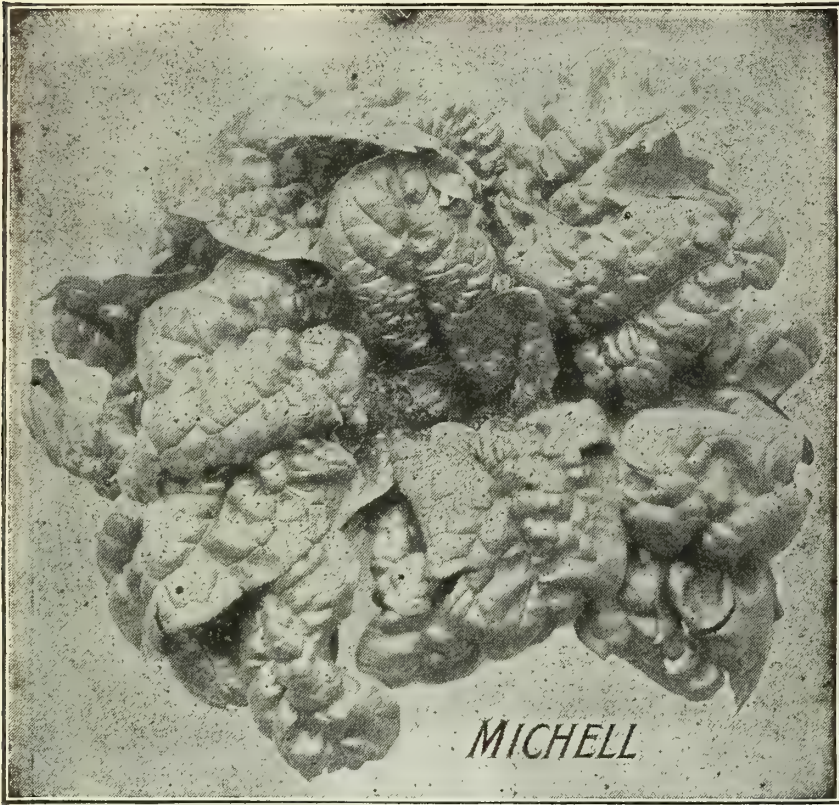
"WIZARD BRAND" SHEEP MANURE

MAKES POOR SOIL RICH

One of the most economical as well as easily handled fertilizers it is possible to get.



Can be used in gardens, on the lawn, in greenhouses or on the window flower garden in any quantity, as it will not burn. 25 lbs., 75c.; \$1.25 per 50 lbs.; 100 lbs., \$2.00; 500 lbs., \$9.50; \$17.00 per 1000 lbs.; 2000 lbs. (1 ton) \$32.00. Barrels weighing about 200 lbs., \$4.50.



Spinach. Bloomsdale Savoy

SPINACH

	Pkt.	Oz.	1/4 lb.	Lb.	5 Lbs.
Belgian Evergreen	\$0.05	\$0.10	\$0.20	\$0.50	\$2.00
Bloomsdale Savoy . . . . .		.05	.15	.40	1.75
Bloomsdale Savoy (Improved Strain) . . . . .	.05	.10	.20	.50	2.00
Long Season (New) . . . . .	.05	.10	.20	.75	3.50
New Zealand . . . . .	.05	.10	.30	1.00	
Prickly Seeded . . . . .		.05	.15	.35	1.50
Victoria (Long Standing) . . . . .		.05	.15	.40	1.75



Forcing Tomato Comet

TOMATOES—Adapted for Forcing

	Pkt.	1/2 oz.	Oz.
Best of All (Sutton's) in original Pkts.	\$0.50		
Comet . . . . .	.25	\$1.75	\$3.50
Eclipse (Sutton's) in original Pkts. . . . .	.50		
Lorillard . . . . .	.10	.15	.30
Mayflower . . . . .	.10	.15	.25
Stone (Private Stock) . . . . .	.10	.20	.35

HELIANTI, THE NEW WINTER VEGETABLE

Should be planted by everyone who wants something to rival with winter Rhubarb or Asparagus



Helianti Tuber

Helianti is an entirely new thing. It has been thoroughly tested in the United States the past year and has come up to all expectations.

PLANTING

The tubers should be planted in the fall or early spring. When planted outdoors to remain during winter, protection is advisable. Place the tubers in rows three feet apart each way and cultivate thoroughly during the growing season.

HARVESTING

When the foliage has died off in the autumn, take the tubers up and store them as you would potatoes or other root crops in a cellar.

YIELD

Where average attention is given the yield has been known to be 80,000 pounds per acre, or almost one and a half times as much as from an acre of potatoes. The tubers are about 8 inches long, and white in color.

FOOD VALUE

Helianti is more digestible than potatoes. It contains no starchy elements, but an abundance of carbohydrates making it very valuable for diabetics. The protein analysis is very high proving it to be very nourishing.

THE TASTE

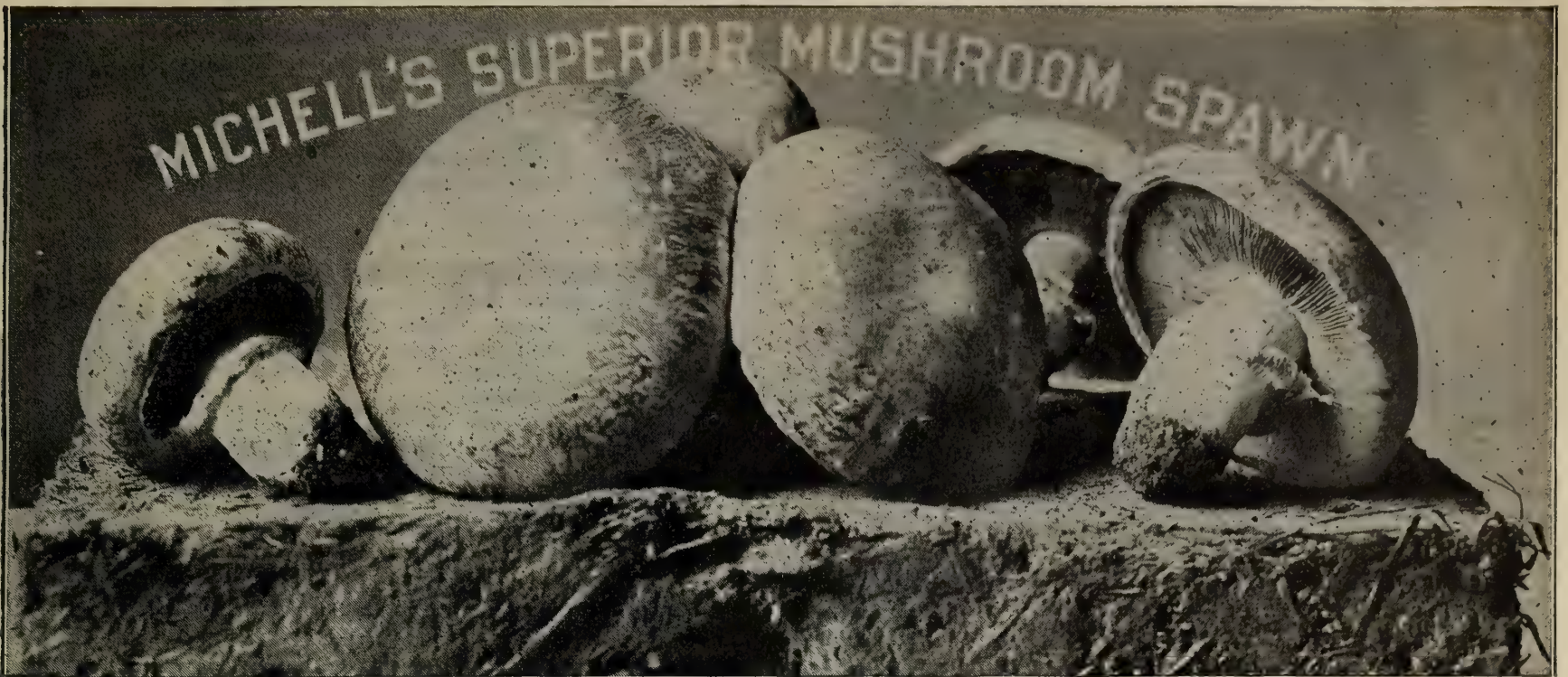
This is rather hard to define, but has been cited as follows: It resembles French artichokes, somewhat like mushrooms and again like asparagus. It has gained immense favor wherever tested, and in a short time bids to become one of our standard food stuffs.

TABLE PREPARATION

Scrape the tubers, soak in cold water (the latter is important as it makes them retain their white color); boil quickly until soft in salt water; draw off and serve with melted butter and chopped parsley. The tubers may also be cut up and fried when they resemble in taste delicious French potatoes.

PRICE

25c. per tuber; 10 tubers, \$1.60; \$2.50 per 25 tubers; the three former quantities postpaid. 50 tubers, \$4.00; \$6.50 per 100 tubers.



LAMBERT'S AMERICAN PURE CULTURE SPAWN.

This type produces larger mushrooms than the English, coming into bearing somewhat earlier, and continuing to crop for a long time. This spawn is produced by selecting spores from individual specimen mushrooms and is propagated and transferred to the bricks of manure, which, when planted, produce mushrooms all of one type.

Standard No. 8 Cream White. For use from April to October.
Standard No. 9 Pure White. For use from October to April.

Prices of Pure Culture Spawn. Standard Bricks.

Per brick, about 1 3/4 lbs . . . \$0.25	10 bricks \$2.00
Per brick, postpaid 35	25 bricks 4.00
5 bricks 1.10	50 bricks 7.00

Direct No. 8 Cream White. For use from October to April.
Direct No. 9 Pure White Type. For use from April to October.

Prices of Pure Culture Spawn. Direct Bricks.

Per brick \$0.30	10 bricks \$2 30
Per brick, postpaid 40	25 bricks 5.60
5 bricks 1.25	50 bricks 10.50

ANGLO AMERICAN MUSHROOM SPAWN.

This brand introduces a new spawn made after pure culture methods, namely, the bricks are all inoculated with germinated spores of specimen mushrooms. In this manner one is assured of getting mushrooms all of one quality and color.

PRICES.

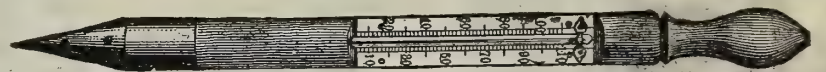
1 Brick \$0.30	10 Bricks \$2.30
1 " Postpaid 40	25 " 5.60
5 " 1.25	50 " 10.50

MICHELL'S SUPERIOR ENGLISH MUSHROOM SPAWN.—

15c. per brick (25c. postpaid); per doz., \$1.60; 25 lbs., \$2.50; \$8.00 per 100 lbs.

Books on Growing Mushrooms

Pamphlet (gratis for a postal card asking for it)	
Robinson's Book (postpaid)	\$0.50
Falconer's Book (postpaid)	1.00



Mushroom or Hot Bed Thermometers

Mailed at customer's risk only. Add 15c. for mailing.
 Heavy Iron Point style . . \$1.25 | Heavy Brass Point style . . \$1.50



ASPARAGUS ROOTS (For Forcing)
 (Ready in October)

Asparagus can be forced readily in boxes under greenhouse benches, or in almost any out of the way place where there is bottom heat. They like plenty of moisture after they have started. Subject them to a slight freezing before planting so they will force more readily. Extra large clumps: Each, 25c.; \$2.50 per doz.; per 100, \$18.50.

TWO-YEAR-OLD ROOTS (For Outdoor Planting)

Barr's Mammoth per 100, \$0.75; per 1000, \$5.00
Columbian White " .75; " 5.00
Giant Argenteuil " 1.00; " 8.00

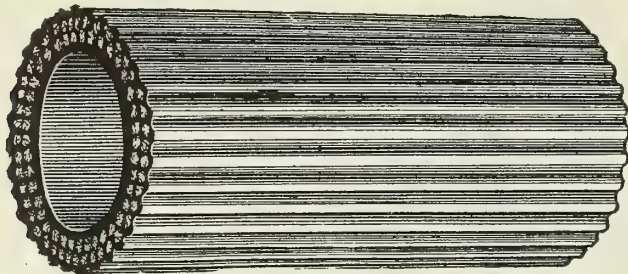
Also all other varieties



RHUBARB ROOTS (For Forcing)

With hardly any effort a supply of fresh Rhubarb may be had all winter. It can be grown in boxes in a cool cellar (where it cannot freeze), or under greenhouse benches, or in cold frames or pits. Subject the roots to a slight freezing before they are planted. Put plenty of fresh horse manure in the bottom. We offer immense clumps. 20c. each; per doz., \$2.00; \$3.75 for 25; 100 for \$13.50.

We can also supply Rhubarb Roots one year old for outdoor planting. \$1.00 per doz.; 100 for \$6.00.



RUBBER HOSE

	25 ft. section	50 ft. section	100 ft. lots
Any Length	\$4.50	\$8.50	\$16.50
Standard Brand, 3/4-inch	3.00	5.75	11.00
Reliable " 3/4-inch, 3-ply	3.50	6.75	13.00
" " 1-inch, 3-ply	4.50	8.75	17.50
" " 3/4-inch, 4-ply	4.50	8.25	16.00
" " 1-inch, 4-ply	6.25	12.00	23.50
" " 1/2-inch, 3-ply	3.25	6.25	12.00
Chicago Electric, 3/4-inch	4.50	8.75	17.00
" " 1/2-inch	4.25	8.25	16.00
Special, 3/8-inch spray hose	3.25	6.00	11.50
Flexo, 3/4-inch, continuous lengths	4.50	8.75	17.00
Wire-Wrapped, 3-ply, Reliable	4.00	7.75	15.00

25 and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 15c. per pair for couplings.

HOSE WASHERS

Rubber, 3/4 and 1-inch Doz., 8c.; 30c. per 1/4-lb.

HOSE REELS—WIRT'S (all iron)

No.	holds	feet hose	Price
No. 10	holds	100 feet	\$2.75
No. 20	"	150 "	3.25
No. 30	"	300 "	5.00

DUKE HOSE REEL (Wood)

Holds 75 feet hose \$0.75

HOSE BANDS, Etc.

	Each	Doz.	100
Sure Grip (see cut)	\$0.05	\$0.50	\$3.50
Caldwell's	.02	.18	1.00
Hudson's	.02	.18	1.00

Hudson's Complete Hose Mending Outfit, consisting of 18 bands, 1 plier, 6 menders \$0.65

RUBBER APRONS

For protecting the clothes while watering or potting \$1.50

HOSE MENDERS

Cooper's (Brass) 1/2 and 3/4 in. Each, 10c.; \$1.00 per doz.; per 100, \$7.50.
Hudson's 1/2 and 3/4 inch. Each, 4c.; per doz., 42c.; per 100, \$3.25.
Woodason's (iron) 3/4 in. Each, 5c.; per doz., 50c.; per 100, \$3.75.



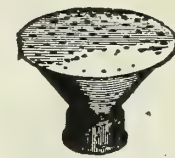
Cooper Hose Menders

BRASS SYRINGES



No. A.	1 stream and spray rose,	12 x 1 inches	\$2.25
No. B.	" " " " "	13 x 1 1/4 "	3.25
No. C.	" " " " "	14 x 1 1/2 "	3.50
No. 2.	1 " " 2 roses,	13 1/2 x 1 1/8 "	4.25
No. 5.	1 " " " "	18 x 1 1/2 "	6.50
No. H.	18 in. long, 1 1/2 in. in diam.	\$2.50 (with movable spray,	\$2.75)
Lewis Sheet Brass Syringe			\$1.75
Neptune Brass Syringe.	Will throw a number of streams,		3.75

NOZZLES

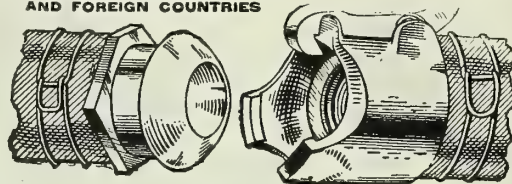


Boston Spray Nozzle. Made of Copper. Each	
Fine or coarse spray	\$0.60
Boss Nozzle . . . . .	.45
Gem . . . . .	.35
Bordeaux and Vermorel. Each . . . . .	.75
Plain Stream Nozzles. 5 inches . . . . .	.25
" " " 6 " . . . . .	.30
Boston Nozzle " " " 7 " . . . . .	.35

SCHUCK'S HOSE PROTECTOR

Just the proper thing. Lengthens the life of your hose by a year. Easily attached to greenhouse bench. Each, 30c.; per doz., \$3.25.

PATENTED IN UNITED STATES AND FOREIGN COUNTRIES

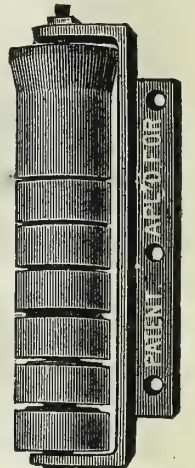


Snap Hose Coupling

SNAP HOSE COUPLING

The Threaded Snap Hose Coupling is a supplementary coupling to be placed between the hydrant and hose, between two pieces of hose, between the hose and the nozzle or sprinkler, or any place where a quick and easy connection is desired.

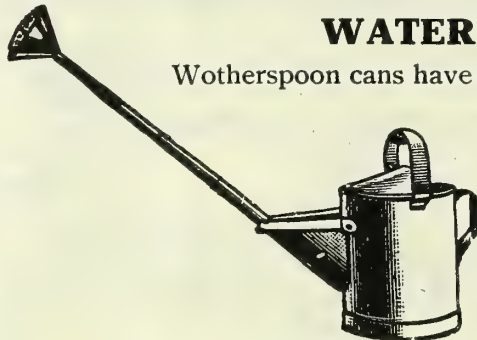
It is necessary only to screw the Snap coupling parts on the old threaded parts already in use and the coupling is complete. All brass. Price, 25c. each; doz., \$2.75.



Hose Protector

WATERING CANS

Wotherspoon cans have one fine and one coarse rose.



Wotherspoon Watering Can

	Round	Oval
2 quarts	\$1.15	
4 "	1.60	
6 "	1.85	\$2.10
8 "	2.00	2.35
10 "	2.25	2.60
12 "	2.60	2.85
16 "	3.15	3.50

Extra Roses for Wotherspoon Cans, 35c. each.

MANURE WATER POT 12 quarts, \$2.75
FERN OR LOW WATER POT 4 quarts, \$1.50

HEAVY TIN WATERING CANS

With long spout and removable rose; painted light blue, 2-qt., 50c.; 4-qt., 80c.; 6-qt., \$1.10.

IRON CLAD (or Light Galvanized Iron) WATERING CANS

4 quarts	\$0.40	12 quarts	\$0.80
6 " . . . . .	.55	16 "	1.10
8 " . . . . .	.65	20 "	1.40
10 " . . . . .	.70		

LIGHT TIN WATERING CANS—Painted Green

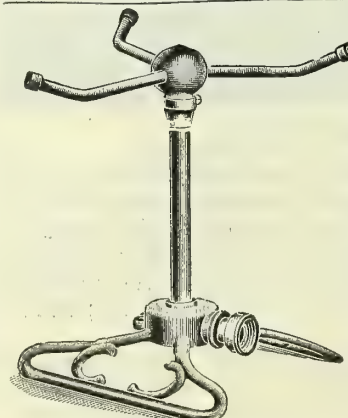
1 quart	\$0.25	2 quarts	\$0.30	4 quarts	\$0.35
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RUBBER PLANT SPRINKLERS



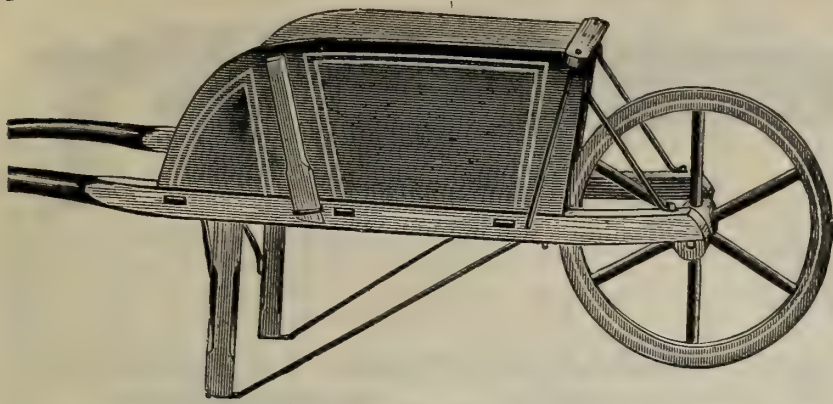
No. 1 Straight Neck	\$0.85
No. 2 " "75
No. 4 " "50
Large Angle Neck85
Small " " . . . . .	.60

LAWN SPRINKLERS



Mayflower Sprinkler

	Height	
AETNA	24 inches	\$1.75
PLUVIUS	11 "	1.25
FOUNTAIN or RING	3 "	.75
PECK 4-arm	40 "	3.50
PECK 8-arm	40 "	4.00
WATERWITCH	8 3/4 "	.50
PRESTON	5 1/2 "	1.25
BUSY	7 1/2 "	.85
MAYFLOWER	9 1/2 "	1.00
ENTERPRISE No. 1	8 "	3.75
ENTERPRISE No. 2	8 "	3.00



Eastern Wheel Barrow

WHEELBARROWS (For Farm and Garden Use)

	No.	Tire.	Length.	Depth.	Width.	Price.
Eastern.	4	3 inch	26 1/2 inch	11 1/2 inch	27 inch	\$4.25
"	5	3 "	28 1/2 "	11 3/4 "	27 "	4.75
Jacobs.	2	1 1/4 "	24 1/2 "	11 "	23 "	3.50
"	3	1 1/2 "	25 1/2 "	12 "	24 "	4.00
"	4	2 "	27 1/2 "	14 "	26 "	4.50
Boys	1	"	21 3/4 "	9 1/4 "	20 "	3.00
Canal—Side dump (bolted)						2 50
Greenhouse						4 50

The measurement of barrows are understood viz, length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.

KEYSTONE LEAF RACK



This new device can be attached to any size or style of wheelbarrow with removable sides. It is most convenient for gathering leaves, cut grass, and rubbish. One of these attachments should be in use on every small suburban place, as well as large estates. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. Price, \$4.00 for leaf rack only, no barrow.

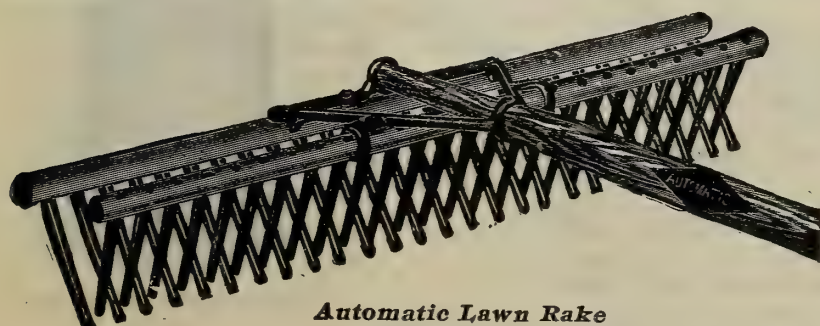
LEAF RACKS, TRUCKS, Etc.

These Trucks are so constructed to permit a leaf rack, water barrel or stone box being attached thereunto. The truck can instantly be detached from one or the other.



Leaf Rack Complete

1 1/2 inch tire truck, all iron wheels, with barrel	\$9.50
2 1/2 " " " " " " " "	10.25
3 1/2 " " " " " " " "	11.00
Extra Barrels, with trunnions, open head	3.00
" Trucks only, each	3.50
1 1/2 inch wheels only, per pair	4.50
2 1/2 " " " " " " " "	5.25
3 1/2 " " " " " " " "	5.75
Leaf Rack only	5.00
" with 1 1/2 inch truck	11.00
" " 2 1/2 " " " " " "	11.75
" " 3 1/2 " " " " " "	12.25
Stone Boxes for attaching to the above truck	3.00



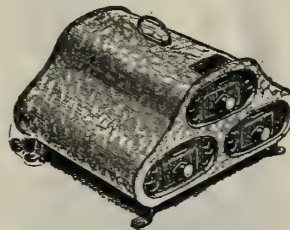
Automatic Lawn Rake



PENNA. LAWN CLEANER AND RAKE

Cleaning area, 24 inches, Steel rake teeth, flexible teeth bars, excellent for cleaning lawns, greens, tennis courts. Price, \$16.00.

CARRIAGE AND AUTO HEATERS



These heaters will keep the temperature above freezing in most any ordinary closed vehicle during the severest weather. Fine for automobiles. Made of heavy sheet iron, white metal ends.

No. 10 Heater

No. 5.	Single drawer 14 inches long	\$2.25
No. 5B.	Same as above, but covered with Brussels carpet	2.75
No. 5C.	Same as No. 5, but covered with velvet carpet	3.00
No. 7B.	20 inches long, brass ends, covered with Brussels carpet	4.50
No. 7C.	20 inches long, brass ends, covered with velvet carpet	5.00
No. 10.	Three drawers, 14 inches long	7.25
Coal for Lehman Heaters.	75c. per doz. bricks; per 100,	6.00
Tongs for Handling Hot Coals.	25c.	



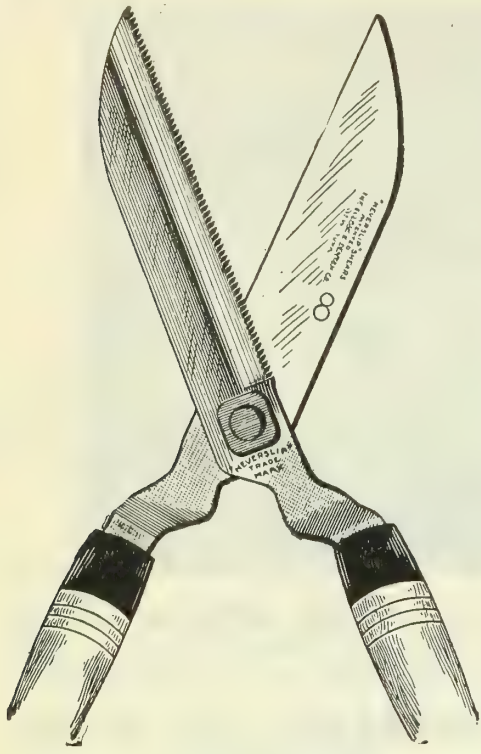
Wheelock Fencing

WHEELOCK WIRE FENCING

Cut any length desired up to 150 running feet.
 16 inches high. Less than 150 foot roll, 12c. per foot.
 16 inches high. In Roll Lots, 150 feet, 10c. per foot.
 22 inches high. Less than 150 foot roll, 14c. per foot.
 22 inches high. In roll lots, 150 feet, 12c. per foot.

LAWN RAKES

Gibbs. Heavy wire. 24 tooth, 50c.; 36 tooth, 75c.; 42 tooth, \$1.00.
Ole Olsen. Hickory wood. 26 tooth, 50c. each.
Lawn King. Wooden. 22 tooth, 40c.; 26 tooth, 50c.; 38 tooth, 75c.; 50 tooth, \$1.00.
Ames. Wood, with braced handles. 14 tooth, 55c.; 24 tooth, 70c.
Ames. With steel braced handle. 24 tooth, 80c.
Automatic. Wooden. 22 tooth, 60c.; 26 tooth, 70c.; 38 tooth, \$1.00; 50 tooth, \$1.50.
Hay Field Rakes. Wooden. 14 tooth, 30c.; 20 tooth, 35c.; 14 tooth, hand made, oak, 50c.



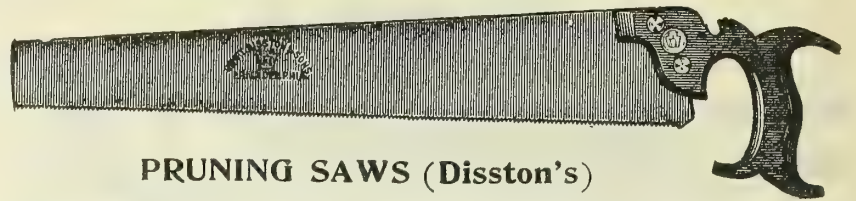
HEDGE SHEARS

Best Quality English Steel	With Plain Fly Nut
Pinned Handles	
8 inch . . .	\$1.50 2.00
9 " . . .	1.75 2.25
10 " . . .	2.00 2.50

NEVERSLIP HEDGE SHEARS

As may be seen by the illustration these shears have a saw edge on one blade which prevents them from slipping when cutting, made of the best quality American steel.

8 inch	\$1.80
9 "	2.25
10 "	2.50



PRUNING SAWS (Disston's)

16 inch	\$0.70	18 inch Duplex (double edge) . . .	\$0.85
18 inch . . . . .	.80	20 inch Duplex (double edge) . . .	1.15
20 inch	1.00	14 inch California Pattern . . .	.65
22 inch	1.25	16 inch California Pattern . . .	.75

CAMPBELL'S SULPHUR VAPORIZER

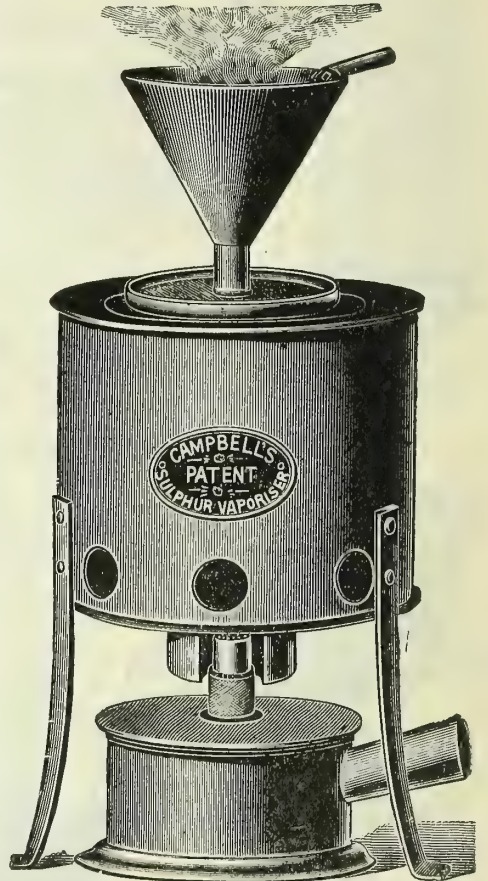
This apparatus is designed to safely vaporize sulphur in greenhouses; to kill mildew and other fungus diseases affecting roses, vines, cucumbers, tomatoes, chrysanthemums, strawberries, peaches, and, in fact, any plant; also destroys red spider infesting vines, crotons, asparagus, fern and other plants.

The No. 2 Vaporizer, when fully charged, will vaporize six ounces of sulphur, which is sufficient to kill all mildew in a house containing 10,000 cubic feet. After an operation every particle of foliage is covered with a layer of sulphur, so finely divided and evenly distributed that it is practically imperceptible to the naked eye.

No. 1—capacity, 3 ounces of sulphur; sufficient for a house of 5,000 cubic feet capacity. Price, \$5.50.

No. 2—capacity, 6 ounces of sulphur; sufficient for a house of 10,000 cubic feet capacity. Price, \$7.75.

These vaporizers are made in a most thorough manner and will last for years.



WATERS TREE PRUNERS

With removable cutting blade, and pole complete

4 feet	\$0.75	10 feet	\$1.15
6 " . . . . .	.85	12 "	1.25
8 "	1.00	14 "	1.50

Extra Blades for Waters Pruners, 25c. each.



OTHER TREE PRUNERS

Hessenbruch's (German), without pole. Small, \$1.00; medium, \$1.75; large, \$3.00.

Telegraph, without pole \$1.00

Disston's Little Giant, without pole 1.10

Disston's Little Giant, with saw attachment, without pole 1.50

POLES for Tree Pruners, made of hardwood.

12 feet long, 1 1/2 inches diameter . . each, \$0.45

14 feet long, 1 1/2 inches diameter . . " .60

16 feet long, 1 1/2 inches diameter . . " .75

PRUNING SHEARS

French, small . . .	\$1.35	Hessenbruch, 8 in. . .	\$1.10
French, large . . .	1.60	German, 8 in. . . . .	.65
Wiss, 8 in.	2.00	American, 8 in. . . . .	.40
Henckle, 7 in. . . .	1.25	Ladies' nickeled, 5 in. . .	.80
Henckle, 8 in. . . .	1.50	Ladies' nickeled, 5 1/2 in. .	.90
Henckle, 9 in. . . .	1.75	Ladies' nickeled, 6 1/2 in. .	1.10



Wiss Pruning Shears

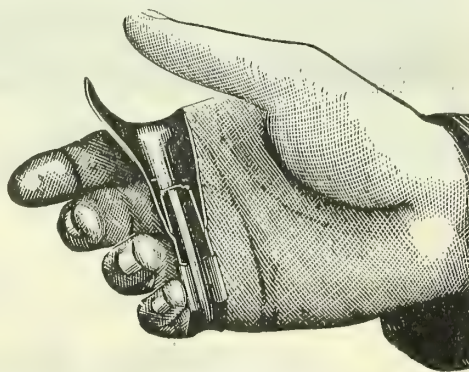


LEATHER PRUNING GLOVES

Best Quality Leather
Buckskin, per pair . . . \$1.50
Ordinary " 1.25
Buckskin, with gauntlets 2.00

ADJUSTABLE METAL HUSKING PINS

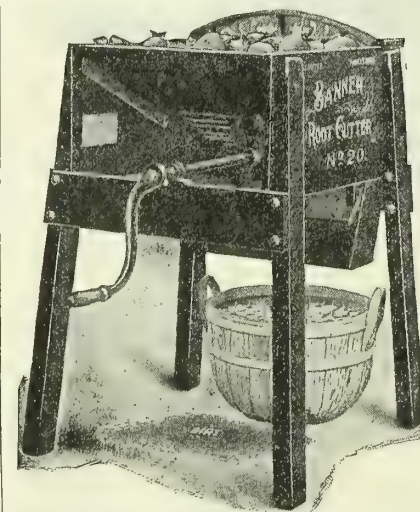
15c. each; per doz., \$1.60



Husking Pin



CORN KNIVES—Eureka, bent blade, 45c.; straight blade, 45c.



Dorrance Sulphur Burner

An efficient apparatus for dispensing sulphur fumes in greenhouses. Made entirely of copper. Price, \$5.50.

ROOT CUTTERS

For cutting carrots, mangels, etc.

Banner No. 7	\$5.00
Banner No. 16	12.00
Banner No. 20	9.00
Ames	12.00

HOT WATER STOVES

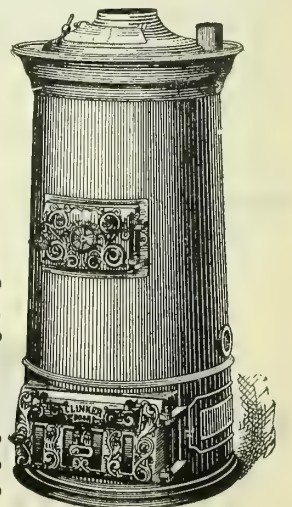
IDEAL, Jr.

	Direct Radiation	Capacity of Tank	Price
No. 0	75 sq. ft.	100 gallons	\$18.00
No. 10	150 " "	150 " "	27.25
No. 12	175 " "	250 " "	34.00
No. 20	225 " "	300 " "	38.00

CLAD'S IMPROVED

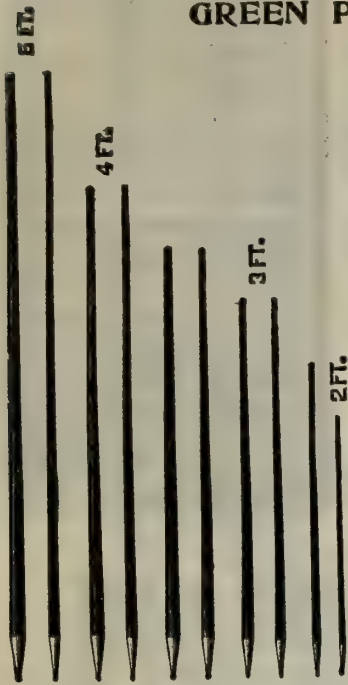
Heating Capacity of 1-inch Pipe

No. 0	150 feet	Price	\$13.50
No. 1	200 "		17.50
No. 2	400 "		25.50
No. 4	600 "		33.00



Ideal Hot Water Stove

PLANT STAKES



GREEN PAINTED TAPERING STAKES

	Each	Doz.	100
1 1/2 feet tapering	\$.02	\$0.17	\$1.00
2 " "	.03	.28	1.70
2 1/2 " "	.04	.39	2.40
3 " "	.05	.51	3.20
3 1/2 " "	.06	.63	4.00
4 " "	.07	.75	4.80
5 " "	.08	.88	5.60

GALVANIZED STEEL WIRE STAKES

	No. 10 Wire, light		
	Doz.	100	1000
2 feet long	\$.12	\$0.60	\$5.00
2 1/2 " "	.15	.75	6.25
3 " "	.18	.90	7.75
3 1/2 " "	.22	1.10	9.00
4 " "	.25	1.25	10.50
4 1/2 " "	.30	1.35	12.00
5 " "	.35	1.50	13.00
6 " "	.40	1.75	14.25

	No. 8 Wire, heavy		
	Doz.	100	1000
4 feet long	\$.30	\$1.70	\$14.00
4 1/2 " "	.35	1.85	15.00
5 " "	.40	2.00	16.00
6 " "	.45	2.25	18.00

GREEN PAINTED ROSE OR DAHLIA STAKES

	Each	Doz.	100
3 feet, rose or dahlia	\$.08	\$0.75	\$4.85
3 1/2 " "	.09	.88	5.68
4 " "	.10	1.10	6.50
5 " "	.12	1.25	8.15
6 " "	.15	1.55	9.80

CANE STAKES

	Doz.	100	250	1000
Southern	\$.25	\$1.00	\$2.25	\$8.00
Japanese, very thin	.25	1.00	2.25	8.00

HYACINTH OR MATCH STAKES

	Doz.	100	1000
12 inches long	\$.05	\$0.25	\$1.50
18 " "	.08	.40	2.00

UNPAINTED DOWELS OR STAKES

	Diam.	Doz.	100	1000
24 inches long	3/8		\$0.70	\$5.25
36 " "	1/4 and 36 in. x 3/16 in.	.15	.85	6.50
36 " "	5/16	.15	.85	6.50
36 " "	3/8	.15	.85	6.50
36 " "	5/8	.20	1.25	9.00
42 " "	1 1/8	.20	.95	7.50
42 " "	1 1/4	.20	.95	7.50
42 " "	1 5/8	.20	.95	7.50
42 " "	3/8	.20	.95	7.50
42 " "	5/8	.25	1.35	11.00

The above dyed green, per doz., 5c.; 15c. per 100; per 1000, \$1.00 additional.

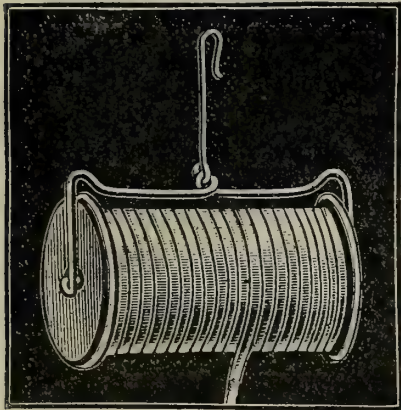
RAFFIATAPE

The Great New Tying Material

This article is made of a composition of paper and linen and is tremendously strong, it is about 1/8 inch wide and is put up in 250 yard spools or reels. There is no waste as the reel is fitted with a small hook which permits it to be hung from a button hole, and it can thus be drawn off exactly as needed. Color, Nile-green.

Per reel of 250 yards 75c.
6 reels, \$4.25; 12 reels, \$8.00

Raffiatape.



TWINES, ETC.

	Ball	lb.
No. 12, Light Italian Twine	\$.20	\$0.40
No. 18, Medium Italian Twine	.20	.40
No. 24, Heavy Italian Twine	.20	.40
No. 36, Heavy Italian Twine	.20	.35
2 ply, 3 ply, 5 ply Jute	.10	.20
Linen Bouquet	.08	.45
Boston Linen, 2 and 3 ply	.20	.35
Green Sea Island	.10	.45
Special Thin White Cotton	.08	.30
2 ply Texas White Cotton	.07	.30
Tarred, for Mat Making	.20	
Tarred Sisal for Fodder		.12
Binder (5-lb. ball)	.75	
Express, very heavy	.20	

Green Silkline. For stringing Smilax and Asparagus. Fast color and will not fade; very strong and will not break. Put up on 2-oz. spools, 8 in a box.
Price, per lb. (8 spools) (Coarse or fine) \$1.50
Price per spool 25

Green Linen (substitute for Silkline), very similar to the above, fast color. 20c. per ball; 85c. per lb.

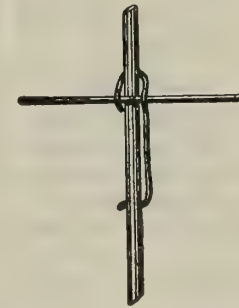
Raffea. Natural color. Fresh and strong, long and fibrous. Price, 20c. per lb.; 5 lbs. for 90c.

Raffea, Colored. In all shades. 15c. per 1/4 lb.; 1 lb., 50c.; \$2.25 for 5 lbs.



STAKE CLIPS AND FASTENERS

These take the place of string entirely, lasting several seasons, used for fastening cross wires to galvanized stakes. Their value is quickly realized as a man can fasten 100 stakes to wire with these while he fastens 25 with string.



Blake Clip.

	500	1000
Blakes	\$.85	\$1.60
Corts. Heavy	1.75	3.25
" Light	1.00	1.90



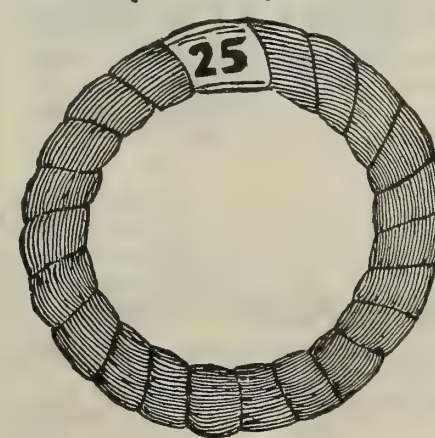
Corts Fastener

CARPENTER'S RAPID TIE

They are made of copper and used to fasten plants to stakes, instead of using twine.

No. 1, 85c. per 1000	No. 2, 95c. per 1000
No. 3, \$1.10 " " "	No. 4, 85c. " " "

WIRE (Price Subject to Change).



GALVANIZED

	lb.	12 lb. Stone
No. 16	\$.10	\$0.85
No. 18	.11	1.00
No. 19	.12	1.10
No. 20	.13	1.15
No. 22	.14	1.30
No. 24	.15	1.50

ANNEALED

No. 16	\$.08	\$0.70
No. 18	.09	.80
No. 20	.10	.85
No. 22	.11	.90
No. 24	.12	1.10
No. 19 Tinned	.11	.90
No. 19 Copper Coated	.11	1.00

CUT BOUQUET WIRE

For Funeral Work, Stemming Flowers, Etc.

Cut 9 or 12 inches in length.

No. 20, 12c. per lb.; per box, 12 lbs., \$1.30
No. 22, 14c. per lb.; per box, 12 lbs., 1.40
No. 24, 15c. per lb., per box, 12 lbs., 1.50

All Prices subject to Market Changes.

CARNATION SUPPORTS

"MODEL"

	Per Doz.	Per 100	Per 1000
2 Ring	\$0.45	\$3.00	\$27.50
3 Ring . . . . .	.55	3.50	32.50

Extra Parts for Model Supports

	Per Doz.	Per 100	Per 1000
Rings	\$0.15	\$1.00	\$6.50
Tops . . . . .	.25	1.50	12.00
Bottoms for 3 rings, .35		2.00	21.00
Bottoms for 2 rings, .30		1.75	15.50

RICHMOND

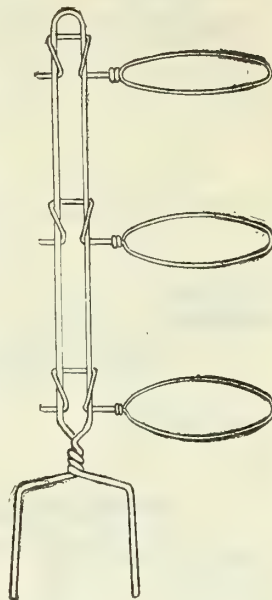
3 Ring, double . . . . .	.65	4.50	42.50
3 Ring, single . . . . .	.50	3.50	32.00

The Richmond Support is being extensively used now, one of the double styles takes the place of two ordinary supports.

MÜLLER'S IMPROVED DOUBLE SUPPORT

This support is very much like the Double Richmond except that, after the rings are detached it folds flat, thereby requiring very little storage room when putting away.

Per doz., 75c.; \$5.50 per 100; per 1000, \$44.00.



3 Ring Single Richmond Carnation Support

HOT BED SASH

Made of best cypress. Size, 3 ft. 2 in. wide, 6 ft. long. We handle enormous quantities of these and make prompt shipment at low prices.

Plain, not glazed or painted. Each, \$1.50; \$17.00 per doz.

Plain, not glazed but painted one coat white paint. Each, \$1.65; \$18.50 per doz.

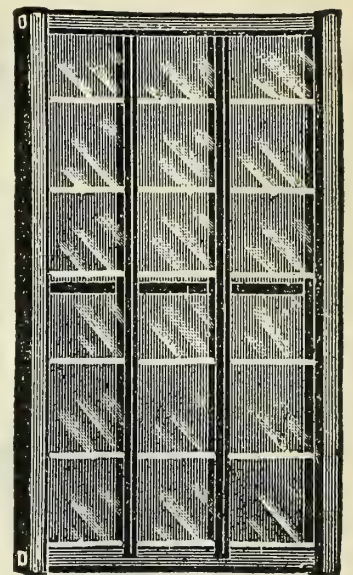
Glazed, including painting, but not puttied glass. Each, \$3.25; \$37.50 per doz.

Glazed, including painting and puttying. Each, \$3.50; \$40.00 per doz.

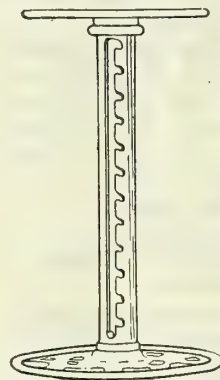
All glazed sash are shipped at purchaser's risk, although we pack very carefully to ensure safe arrival.

Packing charges on Glazed sash only, 10c. each; per doz., \$1.20 extra.

Price on Hot Bed Sash subject to Market change



NEW IRON ADJUSTABLE PLANT STAND



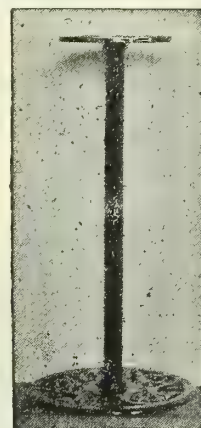
This is an entirely new departure in plant stands. It is so constructed as to be adjustable to height by a pipe, which fits in a sleeve notched at intervals, into which fits a small pin that is on the pipe stem.

- No. 1. 6 inches high, adjustable to 12 inches. Galvanized, \$1.00, Oxidized, \$1.50.
- No. 2. 12 inches high, adjustable to 24 inches. Galvanized, \$1.50; Oxidized, \$1.75.
- No. 3. 24 inches high, adjustable to 48 inches. Galvanized, \$2.00; Oxidized, \$2.25.

The stand is nicely finished and suitable to be used anywhere.

SUPERIOR IRON PLANT STANDS

You can tilt and set your plants at any angle desired to produce the proper decorative effect. Enameled green.



Superior Plant Stand

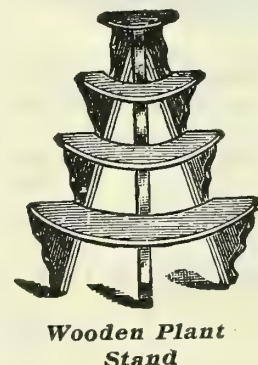
Height	Size of Plates	Price Each	Per doz.
12 inch	5 x 7	\$0.85	\$9.00
18 "	5 x 7	.95	10.00
18 "	8 x 10 1/2	1.05	11.75
24 "	8 x 10 1/2	1.15	13.00
24 "	8 x 12	1.25	14.25
30 "	8 x 10 1/2	1.35	14.75
30 "	8 x 12	1.45	15.75
36 "	8 x 10 1/2	1.55	15.75
36 "	8 x 12	1.65	16.75
42 "	8 x 10 1/2	1.75	16.75
42 "	8 x 12	1.80	18.00
48 "	8 x 12	1.85	19.50
60 "	8 x 12	1.95	20.75
72 "	8 x 12	2.05	22.00

Extra Plates for Superior Stands

	Each	Per doz.
5 inch	\$0.30	\$3.30
7 " . . . . .	.35	3.75
8 " . . . . .	.50	5.50
10 1/2 " . . . . .	.55	6.00
12 " . . . . .	.65	7.00

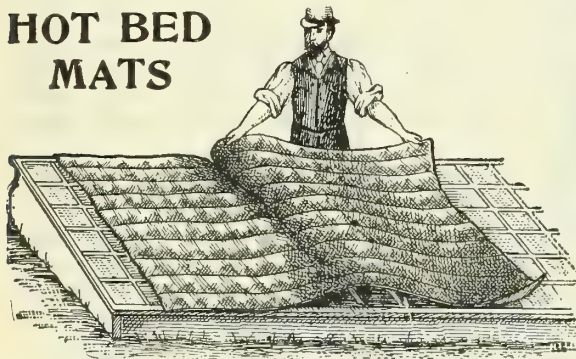
Extra Plates for Star Stands

	Each	Per doz.
5 inches diam.	\$0.25	\$2.85
7 " " . . . . .	.40	4.40
10 1/2 " " . . . . .	.50	5.50



Wooden Plant Stand

HOT BED MATS



PALMER'S BURLAP MATS

Made expressly for winter covering of hot beds and cold frames.

Indestructible, Cheap and Warm

Will not harbor mice or vermin. Easily handled.

Burlap. 76 x 76 inches, fully covering two regular size hot bed sash, \$1.50 each; \$17.00 per doz.

Burlap. 40 x 76 inches, fully covering one hot bed sash, \$1.00 each; \$11.00 per doz.

Duck and Burlap. 40 x 76 inches, \$1.25 each; \$14.00 per doz.

Duck and Burlap. 76 x 76 inches, \$1.75 each; \$20.00 per doz.

We can supply these mats any length desired, as follows:

Duck and Burlap. 76 inches wide, at 30c. per running foot.

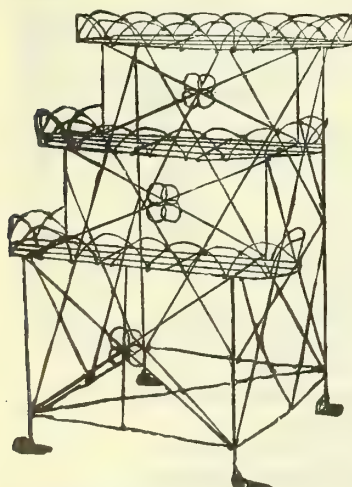
Plain Burlap. 76 inches wide, at 26c. per running foot.

Straw Mats. For covering hot beds and frames. 3 x 6 feet, \$1.00 each; \$11.00 per doz.; 6 x 6 feet, \$1.40 each; \$16.00 per doz.

Rattan Mats. Very durable and warm, 76 x 76 inches \$2.00 each; \$22.00 per doz.

MICHELL'S STAR IRON PLANT STANDS

Somewhat similar to the "Superior," excepting that they are not fitted with the tilting device, and are finished in black varnish.



Height	Each	Per doz.
12 inches high	\$0.70	\$7.70
18 " " . . . . .	.80	8.80
24 " " . . . . .	.95	10.50
30 " "	1.15	12.25
36 " "	1.40	15.50
42 " "	1.55	16.50

WIRE PLANT STANDS

These are painted green and touched off with bronze.

1 shelf sq. \$2.25	2 shelf half rd. \$3.25
2 " " 3.25	3 " " 4.25
3 " " 4.25	

WOODEN PLANT STANDS

Nicely varnished, finished natural color

	Each
3 shelf	\$1.25
4 "	1.75

Three Shelf Square Stand

WINE OR BERRY PRESSES

Made of best quality wood, carefully bolted and finished.

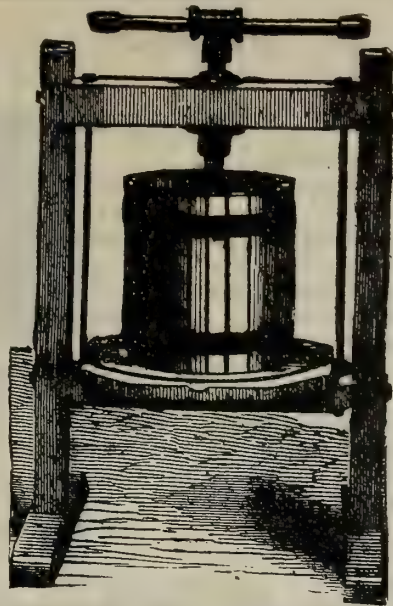
No. 1 . . \$4.00 | No. 2½ . . \$5.75
 No. 2 . . 5.00 | No. 3 . . 6.25

BERRY CRUSHER OR GRINDER

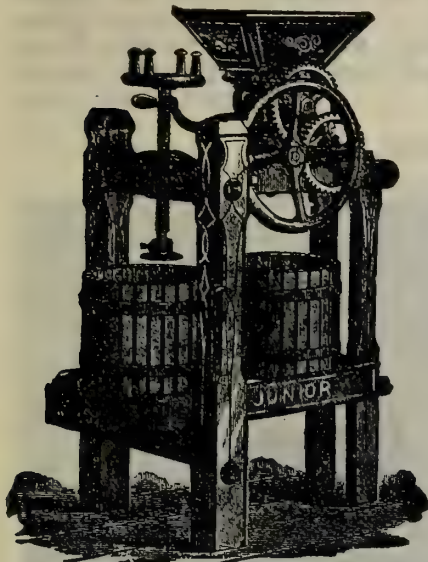
Suitable for crushing berries, grapes and similar soft fruit. \$3.00.

CIDER MILLS

Junior \$12.00
 Medium 16.00
 Senior 22.00
 Senior. For power use 25.00
 Hutchinson No. 0 8.00
 Hutchinson No. 1 10.00



Berry Press



Junior Cider Mill

THERMOMETERS

For Greenhouse, Conservatory, etc.

Maximum and Minimum, registering the coldest and the warmest point during previous evening.

8 inch, \$2.50; 10 inch, \$3.00

THREE POINT TEST

Tin Case

This thermometer is positively accurate and may be depended upon at all times.

8 inch	Each	Doz.
10 "	\$.50	\$5.50
12 "	.65	7.25
	1.00	11.00

STANDARD

Tin Case

7 inch	Each	\$1.50
8 "	.20	2.00
10 "	.25	2.50
12 "	.30	3.00
Dairy	.25	
Copper Case, 10 inch,	\$1.00; 8 inch	.85

MUSHROOM OR HOT BED

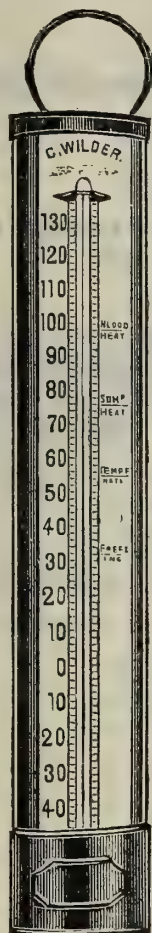
Iron Point Each, \$1.25
 Brass Point " 1.50

GRAFTING TOOL

Best English steel for grafting trees, etc. With wood handle, 75c.; without wood handle, 60c.



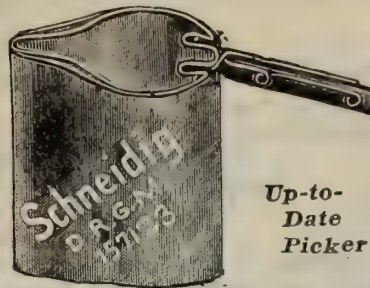
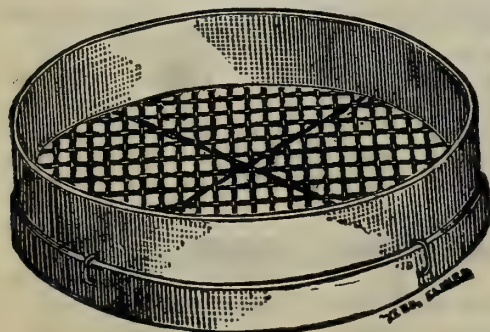
Grafting Tool



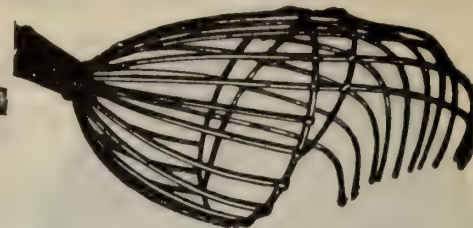
SIEVES

(Any Size Mesh)

	Each
20 inch Foundry (ex. heavy)	\$0.95
20 inch Regular wire	.85
18 inch Regular wire	.75
16 inch Regular wire	.65



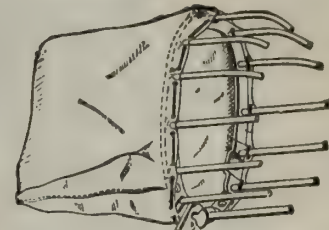
Up-to-Date Picker



The Boss Fruit Picker

FRUIT PICKERS

Each.
 Boss \$0.35
 Up-to-Date50
 Crider's75
 12 foot pole for Fruit Pickers45



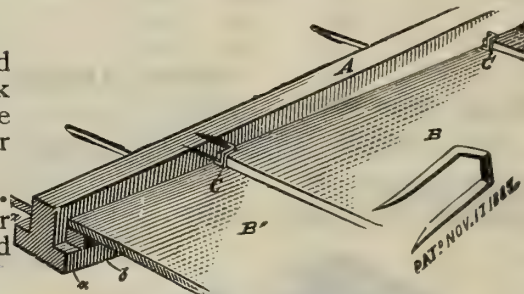
Crider's Fruit Picker

GLAZING MATERIALS

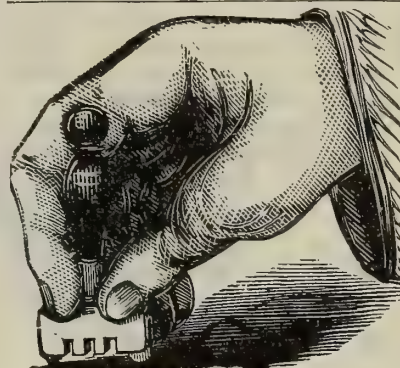
Mastica. ½ gal., 65c.; \$1.25 per gal.
 Twemlow's Putty. \$1.25 per gal.; 5 gals., \$6.25.
 Mastica Machine. \$1.25 each.
 Putty Bulbs. \$1.00 each.
 Hammond's Greenhouse White. A very high grade paint for touching up sash greenhouses, etc. \$1.75 per gal.
 Glass Clamps. For holding broken lights of large glass in place. Per 100, \$1.10.

GLAZING POINTS

Peerless. Galvanized No. 2 for single thick glass, No. 2½ for double thick glass. 60c. per 1000; 5000 for \$2.75.
 Van Reyper Points. 55c. per 1000; 5000 for \$2.50; made in large and small size.
 Pincers. For driving Peerless Points. 50c. each.
 Siebert's. ⅝ and ⅜ inch long. 40c. per lb.
 Zinc Nails. 20c. per lb. of about 1100 points.
 Model. 45c. per lb. of about 1100 points.
 Michell's T. 90c. per lb. of about 1000 points.



Peerless Glazing Point



Diamond Glass Cutter

GLASS CUTTERS

Single wheel. Steel . . \$0.15
 6-Wheel. Steel35
 Diamond (Ebony handle) 3.00
 Diamond (Cocoa handle), extra large diamond . . 4.00

FUMIGATORS

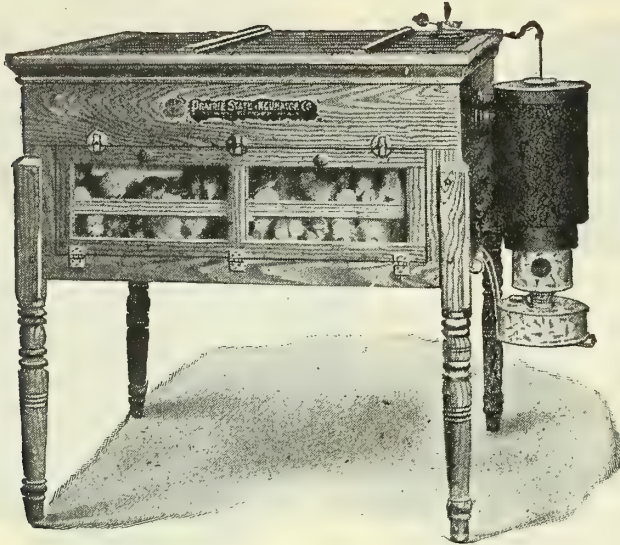
Perfection, No. 1, holds 1 pk. of stems . . \$3.00
 Perfection, No. 2, holds ½ bush. of stems . 3.50
 Perfection, No. 3, holds ¾ bush. of stems . 4.00
 Perfection, No. 5, holds 1 bush. of stems . 5.50
 Eureka, No. 1, height, 12 in., for a house, 10 x 20 ft. 1.25
 Eureka, No. 2, height, 16 in., for a house, 12 x 40 ft. 1.75
 Eureka, No. 3, height, 20 in., for a house, 15 x 100 ft. 2.25
 Eureka, No. 4, height, 24 in., for a house, 20 x 100 ft. 3.25
 Tobacco Stems (fresh). For fumigating. 5 lbs., 20c.; \$1.00 per bbl.; \$2.00 per bale of 250 lbs.; \$12.00 per ton; ½ ton, \$6.50.



Perfection Fumigator

We also carry a Full Line of Brooder and Incubator Thermometers.

PRAIRIE STATE INCUBATORS, BROODERS, HOVERS, Etc.



No. 3 Prairie State Incubator

PRAIRIE STATE INCUBATORS

PRICE LIST OF INCUBATORS

	Capacity	Price
Junior No. 2	115 eggs.	\$15 00
No. 0	100 "	18 00
No. 1 Diffusive	150 "	22 50
No. 2	240 "	32 00
No. 3	390 "	38 00

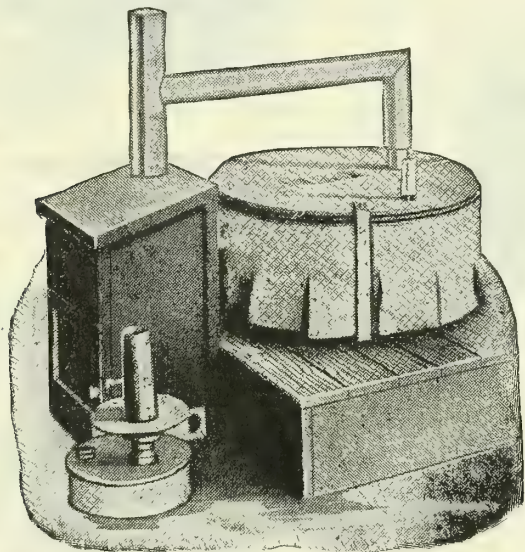
PRAIRIE STATE BROODERS

Prairie State Brooders represent the latest achievement in this line of appliances. They save the lives of many chicks which if entrusted to the care of other brooders would often perish.

PRICES

	Chick Capacity	Price
No. 5 Indoor, with Hover	50	\$12 00
No. 1 Outdoor, without Hover	Colony house.	20 00
No. 2	" "	16 00
No. 3	" "	12 00

Brooder Felt, for renewing hovers, extra quality, 2 yards wide, 80c. per yard; 10 yards, \$7.50.



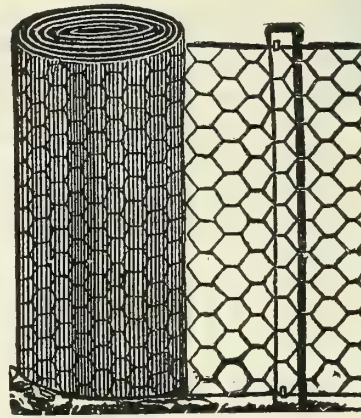
THE UNIVERSAL HOVER

Just the thing for one who wants the least expensive but at the same time most efficient brooding device. For equipping large or commercial poultry plants these will be found invaluable.

Universal Hover, with lamp box, complete without regulator \$7 00
Universal Hover, without lamp box, complete without regulator 6 00
REGULATOR. To automatically regulate the temperature of the Hover to any desired degree. Price, \$1.00 extra.

GALVANIZED WIRE NETTING

Galvanized after woven, which makes it almost equivalent to wire one number heavier.



2-inch Mesh, No. 19 Wire, 150 Running Feet per Bale

Wide	Price	Wide	Price
12 in.	\$0 90	42 in.	\$2 85
18 in.	1 25	48 in.	3 15
24 in.	1 70	60 in.	4 00
30 in.	2 10	72 in.	4 75
36 in.	2 40		

1-inch Mesh, No. 20 Wire, 150 Running Feet per Bale

Wide	Price	Wide	Price
12 in.	\$1 80	42 in.	\$5 75
18 in.	2 60	48 in.	6 50
24 in.	3 40	60 in.	8 00
30 in.	4 20	72 in.	9 50
36 in.	5 00		

WIRE NETTING (Cut to order)

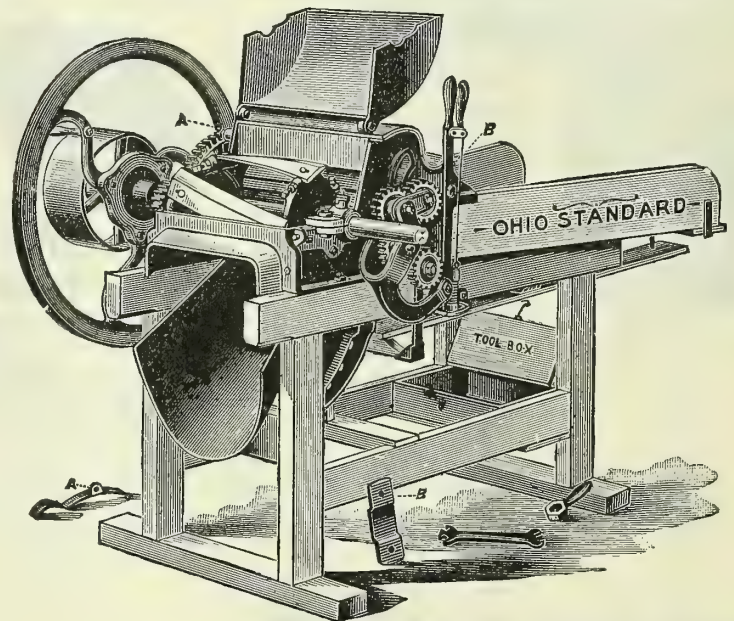
1-inch mesh, under 100 sq. ft. per sq. ft., 2c.
 1-inch mesh, 100 sq. ft. and over per sq. ft., 1½c.
 2-inch mesh, under 100 sq. ft. per sq. ft., 1c.
 2-inch mesh, 100 sq. ft. and over per sq. ft., ¾c.
STAPLES for fastening wire per lb., 10c.

SHADING OR PROTECTING CLOTH

Largely used as a substitute for glass where protection is desired. It is admirable for summer use, protecting plants, etc., from sun and at the same time allowing ventilation.



Light Per yard, \$0 05; per piece of 60 yards, \$2 85
Medium Per yard, 09; per piece of 60 yards, 4 80
Heavy (Waterproof) Per yard, 12; per piece of 40 yards, 4 40



OHIO HAY AND FEED CUTTER

This is considered the finest machine in the market for cutting hay, ensilage, etc. We can furnish it with single and double knife. Price: Single knife, \$12.50; \$16.50 for double knife.

P. S.—The above cut represents a large three-knife machine.

Send for a copy of our Poultry Supply Catalogue, also of Prairie State Incubators and Brooders

We can also furnish Bee Supplies of all kinds, such as Hives and other accessories.

Complete catalogue mailed on request.

POULTRY FOODS, Etc.

Write for Complete Poultry Supply Catalogue

ALFALFA CLOVER (Shredded). 5 lbs. 25c., 40c. for 10 lbs., 25 lbs. 90c., \$1.40 per 50 lbs., 10 lbs. \$2.50.
ALFALFA MEAL. 5 lbs. 25c., 40c. for 10 lbs., 25 lbs. 90c., \$1.40 for 50 lbs., 100 lbs. \$2.50.
ANIMAL MEAL. 5 lbs. 25c., 40c. for 10 lbs., 25 lbs. 75c., \$1.35 for 50 lbs., 100 lbs. \$2.50.
ANTS EGGS. For feeding pheasants, etc., qt. 50c.
BONE (Ground). Fine, medium and coarse. 5 lbs. 25c., 40c. for 10 lbs., 25 lbs. 75c., \$1.50 for 50 lbs., 100 lbs. \$2.50.
CHIC-GRAIN. (*Spratt's*). For young chicks. 25c. per carton, 10 lbs. 60c., \$1.00 per 25 lbs., 50 lbs. \$1.75, \$3.25 per 100 lbs.
BUCKWHEAT. 10c. per qt. Price variable; please ask for quotations.
CHARCOAL. Fine and coarse ground. 1 lb. 7c., 30c. for 5 lbs., 10 lbs. 45c., \$1.00 for 25 lbs., 100 lbs. \$3.50.
CHICK FOOD. (*Michell's*). 5 lbs. 25c., 40c. for 10 lbs., 25 lbs. 90c., \$1.50 for 50 lbs., 100 lbs. \$2.75.
CHICK FOOD. (*Cypher's*). 5 lbs. 25c., 40c. for 10 lbs., 25 lbs. 90c., \$1.50 for 50 lbs., 100 lbs. \$3.00.
CHICK MANNA. 1 lb. 10c., 40c. for 5 lbs., 15 lbs. \$1.10, \$4.20 for 60 lb. box.
CHICK MEAL. (*Spratt's*). 25c. per carton, 5 lbs. 40c., \$1.60 for 25 lbs., 50 lbs. \$3.00, \$5.50 for 100 lbs.
CLIMAX POWDER. (*Rust's*). 25c., 50c., \$1.00 and \$1.50 per package.
CLOVER MEAL. (See Alfalfa Meal).
CONDITION POWDER. (*Sheridan's*). 25c. per package, 2¼ lb. can \$1.00.
CRACKED CORN. 10 lbs. 30c., \$1.25 for 50 lbs., 100 lbs. \$2.10.
CRISSELL. (*Spratt's*). 5 lbs. 30c., 50c. for 10 lbs., 25 lbs. \$1.00, \$3.75 for 100 lbs.
CUT CLOVER HAY. 5 lbs. 25c., 40c. for 10 lbs., 25 lbs. 75c., \$1.25 for 50 lbs., 100 lbs. \$2.00.
DEVELOPING FOOD. For growing chicks. 5 lbs. 25c., 40c. per 10 lbs., 25 lbs. 75c., \$1.50 per 50 lbs., 100 lbs. \$2.50.
DOG CAKES. (*Spratt's*). 3 lbs. 25c., 50c. for 6 lbs., 25 lbs. \$1.75, 50 lbs. \$3.25, \$6.25 per 100 lb. box.
DOG CAKES. (*Austin's*). 3 lbs. 25c., 40c. for 5 lbs., 25 lbs. \$1.75, 50 lbs. \$3.25, \$6.25 for 100 lbs.
EGG FOOD. (*Imperial*). 26 oz. package 25c., 50c. for 60 oz. package.
EGG MAKER AND CHICK GROWER. (*Lee's*). 2½ lbs. 25c., \$2.00 for 25 lbs.
EGG PRODUCER. (*Rust's*). 25c., 50c., \$1.00 and \$1.50 per package.
EGG SALT. (*German*). 2 oz. 30c., 50c. for 4 oz., ½ lb. 80c., \$1.50 per lb.

GRIT. (*Mica Spar*). Coarse, pigeon and fine. Always state which is desired when ordering. 5 lbs. 15c., 35c. for 25 lbs., 50 lbs. 50c., 85c. for 100 lbs., 500 lbs. \$4.00.
GRIT. (*Mica Crystal*). Coarse, pigeon and fine. Please state which is desired when ordering. 5 lbs. 15c., 35c. for 25 lbs., 50 lbs. 50c., 85c. for 100 lbs., 500 lbs. \$4.00.
GRIT (*Jersey Health*) for pigeons. 5 lbs. 20c., 35c. for 10 lbs., 25 lbs. 50c., \$1.50 per 100 lbs.
HEMP SEED. 12c. per qt., peck 50c., \$1.75 per bus.
HULLED OATS. 5 lbs. 25c. Price variable; please ask for quotations.
KAFFIR CORN. 10c. per qt. Price variable; please ask for quotations.
LEE'S STOCK FOOD AND CONDITIONER. 2½ lbs. 25c., 75c. for 7½ lb. package, 25 lb. pail \$2.50, \$7.00 for 100 lb. box.
LINSEED MEAL. (*New Process*). 7c. per lb., 5 lbs. 30c., \$1.50 for 25 lbs.
MASH FOOD. (*Michell's*). 5 lbs. 25c., 40c. for 10 lbs., 25 lbs. 75c., \$1.25 for 50 lbs., 100 lbs. \$2.25.
MEAT. (*Prepared Poultry*). 5 lbs. 25c., 40c. for 10 lbs., 25 lbs. 90c., \$1.75 for 50 lbs., 100 lbs. \$3.25, \$15.75 for 500 lbs.
MICA GRIT. (See Grit.)
OATMEAL. (*Pin Head*). 5 lbs. 35c., \$1.50 for 25 lbs., 100 lbs. \$5.00.
OYSTER SHELL. Coarse and fine. 5 lbs. 10c., 25c. for 25 lbs., 100 lbs. 75c., 500 lbs. \$3.50.
PEAS. (*Canadian*). 10c. per qt. Price variable; please ask for quotations.
PIGEON FOOD. (*Michell's*). 5 lbs. 25c., 40c. for 10 lbs., 25 lbs. 90c., \$1.25 for 50 lbs., 100 lbs. \$2.50, \$11.75 for 500 lbs.
POULTRY POWDER. (*Barker's*). For poultry, horses and cattle. 25c. per package.
PRATT'S CATTLE FOOD. 5 lbs. 50c., 75c. for 12 lbs., 25 lbs. \$1.50, \$3.00 for 50 lbs.
PRATT'S POULTRY FOOD. 8 oz. package 10c., 25c. for 26 oz., 4 lbs. 50c., 5 lbs. 60c., \$1.25 for 12 lbs., 25 lbs. \$2.50.
PUPPY CAKES. (*Spratt's*). 3 lbs., 30c., 50c. for 5 lbs., 25 lbs. \$1.90, \$3.50 for 50 lbs., 100 lbs. \$6.75.
RICE. (*Broken*). 6c. per lb., 10 lbs. 55c., \$1.25 for 25 lbs.
SALT CAT. 10c. per brick, per doz. \$1.10.
SCRATCH OR POULTRY FOOD. (*Michell's*). 5 lbs. 20c., 40c. for 10 lbs., 25 lbs. 75c., \$1.25 for 50 lbs., 100 lbs. \$2.25, \$11.00 for 500 lbs.
SUNFLOWER SEED. 10c. per qt., 4 qts. 30c., 55c. per peck, bushel \$1.75.
SPRATT'S PARROT FOOD. 10c. per package.
SPRATT'S CAT FOOD. 25c. per package.

POULTRY REMEDIES, Etc.

CONKEY ROUP CURE. 50c. and \$1.00 per pkge.
DEATH TO LICE OINTMENT. 1 oz. box 10c., 25c. for 3 oz.
DEATH TO LICE POWDER. (*Lambert's*). 5 oz. box 10c., 25c. for 15 oz. box, 48 oz. box 50c., \$1.00 for 100 oz. package.
DEATH TO LICE SPECIAL. 4 oz. box 10c., 25c. for 16 oz.
DOG MEDICINES. (*Spratt's*). Alterative Cooling Tablets 50c. per box, Diarrhea and Dysentery Cure 50c., Distemper Tablets 75c., Eczema Cure 50c., Locurium Ointment 50c., Mange Cure 50c., Purgative Tablets 50c., Puppy Vermifuge Tablets 50c.
GAPE CURE. (*Madoc*). 20c. and 35c. per package.
GAPE EXTRACTORS. Metz's 25c., Hallowell's 10c., Pilling's 25c.
GERMOZONE. (*Tablets*). 50c. per box.
 " (*Liquid*). 12 oz. bottle 50c.
LICE KILLER. (*Lee's*). 35c. per qt., ½ gal. 60c., \$1.00 per gal.
 " (*Rust's*). 35c. per qt., ½ gal. 60c., \$1.00 per gal.
 " (*Pratt's*). 35c. per qt., ½ gal. 60c., \$1.00 per gal.

LICE POWDER. (*Lee's*). 25c. per package.
 " (*Pratt's*). 5 oz. 10c., 25c. per lb., 2½ lbs. 50c.
 (See also Death to Lice Powder.)
MULTUM IN PARVO POWDER. 20c. and 35c. per package.
OIL OF TAR. Qt. 40c., 65c. per ½ gal., 1 gal. \$1.00, \$4.00 for 5 gals.
PERSIAN INSECT POWDER. 15c. per ¼ lb., 1 lb. 60c.
RIGLER'S FAMOUS REMEDIES. 25c. and 50c.
ROUP CURE. (*Cassell's*). 20c. and 40c. per package.
ROUP PILLS. (*Rust's Havens*). 50 for 25c., \$1.00 for 250.
RAT CORN. Will kill rats and mice only. 15c. and 50c. per pkg.
RED WING LOUSE POWDER. 10c., 25c. and \$1.00 per pkg.
SULPHO NAPHTHOL. 1 oz. 10c., 25c. for 3 oz., 8 oz. 50c.
THYMO CRESOL. 4 oz. bottle 25c., 40c. for 8 oz., qt. 70c.
TOBACCO DUST. 10c. per lb., 5 lbs. 25c., \$1.00 for 25 lbs.
TOBACCO STEMS. 5 lbs. 20c., \$1.00 per barrel, per bale \$2.00.
ZENOLEUM. 50c. qt., ½ gal. 90c., \$1.75 per gal.

PRATT'S POULTRY REGULATOR

Every one knows what for thirty years was called Pratt's Poultry Food (now Poultry Regulator.) There's nothing like it for promoting the health of poultry and making hens lay. It is not an unnatural stimulant as it contains no harmful products. Feed it to your flock now and note the increase in egg production. 8 oz. 10c., 26 oz. 25c., 4 lbs. 50c., 60c. for 5 lbs., 12 lb. bag \$1.25, \$1.35 per 12 lb. bucket, 25 lbs. \$2.50.

MICHELL'S HIGH GRADE FERTILIZERS

Prices subject to market changes

ASHES, Canadian Hardwood. 100 lbs., \$1.50; \$2.50 per bbl.; per ton, \$20.00.

ACID PHOSPHATE (High Grade). Fine to use in mixing with other fertilizers. In 200 lb. sacks only. \$2.00 per sack; per ton, \$14.50.

BLOOD (Dried). Very rich in nitrogen. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.10; \$2.00 per 50 lbs.; 100 lbs., \$3.75; \$6.75 per 200 lbs.

BLOOD FLOUR. Contains the largest amount of nitrogen of any of bone or blood preparation. 5 lbs., 50c.; 85c. per 10 lbs.; 25 lbs., \$1.75; \$6.00 per 100 lbs.; 200 lbs., \$11.50.

BONE FLOUR (Pure). Ground perfectly fine; excellent for pot plants or beds where an immediate effect is wanted. 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., \$1.00; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.50 per bbl. of 200 lbs.; ton, \$40.00.

BONE MEAL, Michell's Strictly Pure and Fresh. The most substantial fertilizer for lawns and plants is Michell's Bone Meal. It keeps on feeding the soil for fully ten months. 3 lb. bag, 15c.; 25c. per 5 lb. bag; 10 lbs., 40c.; 85c. per 25 lbs.; 50 lbs., \$1.25; \$2.15 per 100 lbs.; 200 lb. sack, \$3.50; \$32.00 per ton.

BONE, Pure, Coarse Ground. Excellent fertilizer for lawns and borders, coarser than bone meal. 25 lbs., 85c.; \$1.25 per 50 lbs.; 100 lbs., \$2.15; \$3.50 per 200 lb. sack; \$32.00 per ton.

BONORA. 25c. per trial package; 1 lb., 50c. (makes 28 gallons liquid); \$2.50 per 5 lbs.

BOWKER'S PLANT FOOD. Made especially for plants growing in conservatory or house. Clean, free from offensive odor. Package, 15c. and 25c.; by mail, 25c. and 40c.

CLAY'S FERTILIZER. Imported manure, especially recommended for flowers or vegetables to bring the highest perfection. Per lb., 15c.; 60c. per 5 lbs.; 10 lbs., \$1.10; 28 lb. sack, \$2.00; \$3.50 per 56 lbs.; 112 lbs., \$6.50.

COTTON SEED MEAL. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.75; \$5.00 per 200 lb. sack; ton, \$42.50.

COW MANURE. Shredded in small bits for mulching, making liquid manure and top dressing, in 100 lb. bags only. \$2.25 per 100 lbs.; 500 lbs., \$10.00; \$16.00 per 1000 lbs.; per ton, \$30.00.

DISSOLVED BONE. Fine for immediate results. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 85c.; \$1.25 per 50 lbs.; 100 lbs., \$2.15; \$3.50 per 200 lbs.; ton, \$32.00.

FISH GUANO. An excellent fertilizer. 5 lbs., 40c.; 60c. per 10 lbs.; 25 lbs., \$1.00; \$3.00 per 100 lbs.; 200 lbs., \$5.25; \$47.00 per ton.

FARMOGERM. A nitrogen-gathering bacteria for legumes. Trial size, 50c.; \$2.00 per acre size. (Send for booklet).

GUANO (Pure Peruvian). 1 1/2 lb. box, 15c.; 25c. per 3 1/2 lb. box; 10 lbs., 50c.; 90c. per 25 lbs.; 100 lbs., \$2.75; \$4.75 per 200 lb. sack; per ton, \$42.00.

GUANO (Potato, Corn and Truck). Sharpless and Carpenter's Brand. Guaranteed analysis: Actual potash, 6 to 8 per cent.; ammonia, 1 1/2 to 2 1/2 per cent.; available phos. acid, 6 to 8 per cent.; in original sacks only. Price, \$3.50 per sack of 200 lbs.; ton, \$30.00.

HORN SHAVINGS. A very valuable and rich fertilizer, especially for roses, chrysanthemums, etc. 10c. per lb.; 5 lbs., 40c.; \$1.75 per 25 lbs.; 50 lbs., \$2.75; \$5.00 per 100 lbs.

KAINIT (Pure). Apply at the rate of 1000 lbs. per acre. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 50c.; \$1.25 per 100 lbs.; 200 lb. sack, \$2.00; \$15.00 per ton.

LAND PLASTER (Nova Scotia). A valuable top dressing. It also purifies and sweetens worn out, sour soils. Used also extensively for mixing with Paris Green for destroying insects. 5 lbs., 15c.; 30c. per 25 lbs.; 50 lbs., 50c.; 85c. per 100 lbs.; 200 lbs., \$1.50; 300 lb. barrel, \$2.00; \$10.00 per ton.

LAWN DRESSING (Michell's Odorless). 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$5.00 per 200 lb. sack; 1/2 ton, \$21.00; \$40.00 per ton.

LAWN SAND. A fertilizer and weed destroyer. 3 1/2 lbs., 60c.; \$1.75 per 14 lbs.; 56 lbs., \$5.00; \$8.00 per 112 lbs.

MANURE. We can supply at short notice, strictly first-class, short or long horse manure. In carload lots only at \$1.25 per ton. Special price will be quoted on large quantities.

MAPES CELEBRATED FERTILIZERS. Prices quoted here are F. O. B. Philadelphia. When shipped direct from Mapes' factory the price will be 30c. less per sack, and \$3.00 less per ton than prices herewith quoted. No less than 200 lb. sacks are sold as we do not carry Mapes Fertilizers in stock.

	Sack of 200 lbs.	Ton of 2000 lbs.
Potato Manure	\$4.50	\$42.00
Corn Manure	4.25	40.00
Cabbage and Cauliflower Manure	4.50	43.00
Fruit and Vine Manure	4.50	43.00
Grass and Grain, Spring Top dressing	4.75	46.00
Complete Manure, for general use	4.50	42.00
Complete Manure, for heavy soils	4.75	45.00
Complete Manure, for light soils	4.85	47.00
Vegetable Manure, for all soils	4.85	47.00
Early Vegetable and Truck Manure	4.85	47.00

MICHELL'S PLANT FOOD. Very effective, clean and easily applied. 15c. per pkg.; 4 pkgs., 50c. (by mail, 24c. per pkg.).

MURIATE OF POTASH. Lb., 10c.; 35c. per 5 lbs.; 10 lbs., 50c.; \$1.15 per 25 lbs.; 50 lbs., \$1.75; \$3.00 per 100 lbs.; 200 lbs., \$5.50.

NITRATE OF SODA. Should not be applied until the plants are above the ground, when 100 to 150 lbs. per acre should be sown with other fertilizers, or mixed with phosphates. Lb., 8c.; 25c. per 5 lbs.; 10 lbs., 50c.; \$1.10 per 25 lbs.; 50 lbs., \$2.00; \$3.50 per 100 lbs.; 200 lbs., \$6.50; \$30.00 per 1/2 ton; ton, \$58.00.

NITRO CULTURE (Nitrogen Fixing Bacteria). For all leguminous crops. 25c. and 50c. per pkg.; per pkg. for an acre, \$1.50. (Send for descriptive circular).

PHOSPHATE (Baugh's High Grade Ammoniated). 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 60c.; \$1.00 per 50 lbs.; 100 lbs., \$1.75; \$3.00 per 200 lbs.; ton, \$25.00.

PHOSPHATE, Super High Grade. Analysis: Ammonia, 4 to 6 per cent.; bone phosphate, 24 per cent.; available phos. acid, 6 to 8 per cent.; sulph. potash, 1 to 2 per cent. It stands without a rival as the largest crop producer. Apply 400 lbs. per acre. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 60c.; \$2.00 per 100 lbs.; 200 lbs., \$3.50; \$30.00 per ton.

PLANT BLOOD. Per package, 15c.; \$1.00 per 12 lbs.; 25 lbs., \$1.75; \$3.00 per 50 lbs.; 100 lbs., \$5.50.

POTATO MANURE (Baugh's). 25 lbs., 75c.; \$1.10 per 50 lbs.; 100 lbs., \$2.00; \$3.50 per 200 lb. bag; ton, \$30.00.

POUDRETTE. Lb., 10c. (26c. by mail); 20c. per 5 lbs.; 10 lbs., 35c.; 60c. per 25 lbs.; 50 lbs., \$1.00; \$1.50 per 100 lbs.; 200 lb. sack, \$2.50; \$5.00 per 500 lbs.; \$8.00 per 1000 lbs.; ton, \$15.00.

SULPHATE OF POTASH. 5 lbs., 40c.; \$1.50 per 25 lbs.; 100 lbs., \$4.00; \$7.25 per 200 lbs.

SALT (Agricultural Brand). For top dressing gardens or asparagus beds. Apply early in spring, at rate of 600 to 800 lbs. per acre. 10 lbs., 20c.; 25 lbs., 30c.; 50 lbs., 55c.; \$1.00 per 100 lbs.; 200 lbs., \$1.50; \$10.00 per ton.

SHEEP MANURE (Pure, Fresh Pulverized). One of the richest general fertilizers. 2 lbs., 15c.; 25c. per 5 lbs.; 10 lbs., 40c.; 75c. per 25 lbs.; 50 lbs., \$1.25; \$2.00 per 100 lbs.; 500 lbs., 9.50; \$17.00 per 1/2 ton; ton, \$32.00. Barrels, about 200 lbs., \$4.50.

SOOT (Imported Scotch). Lb., 10c.; 35c. per 5 lbs.; 25 lbs., \$1.25; \$4.00 per 100 lbs.

SULPHATE OF AMMONIA. Lb., 10c.; 35c. per 5 lbs.; 10 lbs., 60c.; \$2.50 per 50 lbs.; 100 lbs., \$4.50.

TANKAGE. 100 lbs., \$2.50; \$4.25 per 200 lbs.; \$35.00 per ton.

THOMSON'S FLOWER AND VEGETABLE MANURE. This is one of the very best fertilizers, introduced from England, and can be highly recommended to any one wishing an immediate effect in forcing. Highest testimonials from those who have tested its merits. Lb., 15c.; 60c. per 5 lbs.; 10 lbs., \$1.10; \$1.75 per 28 lb. sack; 56 lb. sack, \$3.25; \$6.25 per 112 lb. sack.

TOBACCO STEMS. Largely used for covering lawns during the winter. Lb., 5c.; 20c. per 5 lbs.; per bushel, 50c.; \$1.00 per barrel; large bale, \$2.00; \$6.50 per 1/2 ton; ton, \$12.00.

WOOD ASHES (Canada Unleached Hardwood). 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 60c.; 85c. per 50 lbs.; 100 lbs., \$1.50; barrel, \$2.50; \$10.00 per 1/2 ton; ton of 2000 lbs., \$20.00. Apply about 1000 lbs. to the acre.

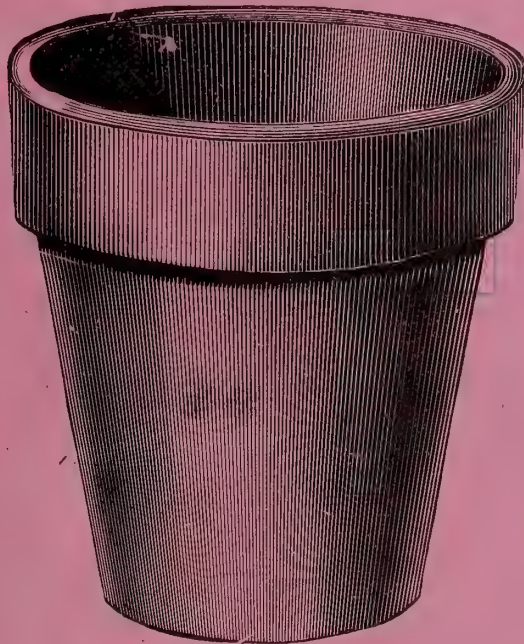


Pot Saucer



Seed Pans

FLOWER POTS



Flower Pot

Tubs, Saucers, Rolling Stands, Etc.

SOLD EXTENSIVELY BY

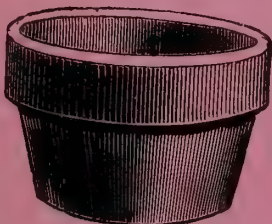
HENRY F. MICHELL CO.

SEEDSMEN

TWO STORES

1018 and 518 Market St.

PHILADELPHIA



Bulb Pan



EARTHEN FLOWER POTS

The height and width are equal, and both are inside measurements.

	Each	Doz.	100	1000
2 inches	\$0.01	\$0.07	\$0.50	\$3.96
2¼ "	.01	.08	.56	4.45
2½ "	.02	.09	.69	5.45
3 "	.02	.11	.88	6.93
3½ "	.02	.14	1.06	8.41
4 "	.02	.18	1.38	10.89
4¼ "	.03	.20	1.56	12.37
4½ "	.03	.24	1.88	14.85
5 "	.03	.32	2.50	19.80
5½ "	.05	.41	3.13	24.75
6 "	.05	.49	3.75	29.70
6½ "	.07	.62	4.80	44.00
7 "	.08	.78	6.00	55.00
8 "	.11	1.09	8.40	77.00
9 "	.16	1.56	12.00	110.00
10 "	.22	2.11	16.20	148.50
11 "	.29	2.81	21.60	
12 "	.40	3.90	30.00	
14 "	.80	7.80	60.00	
16 hand made	1.50	13.50		
18 " "	2.00	23.00		
20 " "	2.50	28.50		

EARTHEN BULB PANS

Height	Width	Each	Doz.	100
3 in.	6 in.	\$0.07	\$0.68	\$3.75
3½ "	7 "	.08	.78	4.80
4 "	8 "	.10	.98	6.00
4½ "	9 "	.15	1.30	8.40
5 "	10 "	.20	1.63	10.80
6 "	12 "	.25	2.28	15.00
7 "	14 "	.50	4.55	30.00
8 "	16 "	.90	7.80	60.00
9 "	18 "	1.25	11.70	90.00

EARTHEN SEED PANS

Inches, Square	Each	Doz.
6 x 6	\$0.20	\$2.00
8 x 8	.25	2.50
10 x 10	.30	3.00
12 x 12	.40	3.50

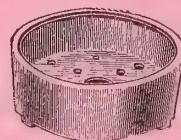
FERN PANS

Width	Height	Each	Doz.	100
4 in.	1 7/8 in.	\$0.04	\$0.31	\$1.65
4¾ "	2 1/8 "	.05	.33	2.20
5½ "	2 1/4 "	.06	.41	2.75
6¼ "	2 1/2 "	.07	.49	3.30
7 "	2 5/8 "	.09	.55	3.85
8 "	3 1/8 "	.11	.79	5.50
9 "	3 1/4 "	.15	.95	6.60

EARTHENWARE SAUCERS

	Each	Doz.	100
4 inches	\$0.02	\$0.15	\$1.12
5 "	.03	.18	1.40
6 "	.04	.24	1.88
7 "	.05	.31	2.40
8 "	.06	.47	3.60
9 "	.08	.62	4.80
10 "	.09	.78	6.00
11 "	.11	.94	7.20
12 "	.15	1.17	9.00
14 "	.25	1.95	15.00

FERN DISH LINERS

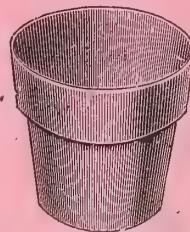


Width	Depth	Each	Doz.	100
7 in.	1 7/8 in.	\$0.12	\$1.00	\$6.00

WOOD FIBRE SAUCERS

	Each	Doz.	100
4 inches	\$0.09	\$0.95	\$7.50
5 "	.10	1.05	7.75
6 "	.11	1.10	8.00
7 "	.12	1.15	8.80
8 "	.13	1.25	9.40
9 "	.14	1.35	10.40
10 "	.15	1.45	11.00
12 "	.18	1.75	13.00
14 "	.20	2.25	17.00
16 "	.35	3.75	30.00
18 "	.40	4.60	35.00

AZALEA OR LOW EARTHEN POTS



Width	Height	Each	Doz.	100
6 in.	5 in.	\$0.06	\$0.51	\$3.93
7 "	6 "	.09	.82	6.30
8 "	7 "	.12	1.14	8.82
10 "	8 "	.24	2.21	17.00

6 pieces of any one size, Pots, Saucers, etc., at dozen rate, 50 at 100 rate, 500 at 1000 rate

CEDAR PLANT TUBS



Cedar Plant Tub

Equipped with
Black Iron Hoops

These are made by hand, of the very best white cedar. They will be found very much superior to lower-priced machine made cedar tubs.

No.	Outside diam.	Length of stave outside	
No. 0.	27 inches	24 inches	\$5.50
No. 1.	25 "	22 "	5.00
No. 2.	23 "	20 "	4.50
No. 3.	21 "	18 "	4.00
No. 4.	19½ "	16 "	3.00
No. 5.	18 "	14 "	2.75
No. 6.	16½ "	13 "	2.25
No. 7.	15 "	12 "	2.00
No. 8.	12 "	10 "	1.75

CEDAR PLANT TUBS

With Solid Brass and Galvanized Iron Hoops

These hoops are much more substantial than the regular black iron and are well worth the difference; furnished only on order; not carried in stock.

No.	Brass Hoops	Galv. Hoops
No. 0	\$6.50	\$6.00
No. 1	6.30	5.50
No. 2	5.75	4.90
No. 3	5.30	4.40
No. 4	4.00	3.35
No. 5	3.75	3.10
No. 6	3.00	2.55
No. 7	2.70	2.30
No. 8	2.25	1.95

KEYSTONE TREE AND PLANT TUBS

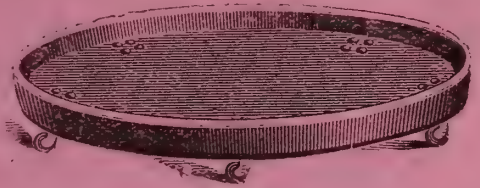


Keystone Tree and Plant Tub

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust; durable, neat and attractive. A good tub at a moderate price. Three largest sizes are supplied with handles.

Letter	Outside Diam.	Inside Diam.	Length of Stave	Each
A	11	10	12	\$0.75
B	12¼	11	12	.85
C	13¾	12	13	1.00
D	14¾	13	14	1.25
E	15¾	14	14	1.50
F	16¾	15	15	1.75

ROLLING STANDS (Wood Fibre)



	Will Fit		Each	Doz.
	Pot	Tub		
12 inches	16 in.	No. 8	\$0.60	\$6.50
14 "	12 "	" 8	.70	7.75
16 "	14 "	" 8	.90	9.00
18 "	16 "	" 7-6	1.00	10.00
20 "		" 5	1.10	12.00
22 "		" 4	1.35	15.00

ORCHID BASKETS

WOOD BASKETS			EARTHEN BASKETS		
Square	Each	Doz.	Square	Each	Doz.
6 in.	\$0.30	\$3.50	4 in.	\$0.15	\$1.35
8 "	.40	4.25	6 "	.25	2.25
10 "	.50	5.00	7 "	.30	3.00
12 "	.60	6.50			

WOOD FIBRE FLOWER VASES

No.	Diam. inside	Depth inside	Each	Doz.
0	8 in.	13 in.	\$0.50	\$5.25
1	5½ "	10 "	.45	4.75
2	4½ "	9 "	.40	4.25
3	4 "	6 "	.35	3.50
4	3 "	4½ "	.30	3.00
00	9 "	21 "	1.65	18.00
11	5 "	18 "	.50	4.80
22	4½ "	15 "	.45	4.20
33	4 "	12 "	.40	3.60
44	3 "	9 "	.35	3.00
000	9 "	29 "	2.20	24.00

WOOD FIBRE PLANT TUBS

COMPLETE WITH SAUCERS



	Green Enameled	Mahogany Color
10 inch	\$0.90	\$0.55
12 "	1.10	.70
14 "	1.60	1.10
18 "	4.40	3.75



OUR ADDITIONAL ESTABLISHMENT, "TOWER HALL"
AT 518 MARKET ST.

HENRY F. MICHELL CO. Also 1018 MARKET ST., PHILA.

DATE TAKEN	FILLED BY	DEL'D TO PACKING ROOM	PACKED BY	SHIPPED VIA & DATE	PAID ORDER RECORD STAMP HERE
SALESMAN	DATE FILLED	NO. ARTICLES TO BE PACKED: (SEE OVER)	DATE PACKED		

STAMP AMOUNT PAID OR CHARGE HERE	Send to _____
	Charge or P. O. Address _____
	Ex. or R. R. Address _____
	County _____ State _____
PUT NOTIFICATION STAMP HERE	Ship Via _____
	Charge to _____

NO.	✓	QUANTITY	HENRY F. MICHELL CO., SEEDSMEN 1018 Market St. Phila., Pa.	DOLLARS	CENTS
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					

Forwarded		
-----------	--	--

NOTICE: Gardeners will please put their names here so we can notify them of shipment.

NAME _____

NO.	✓	QUANTITY	Amount Brought Forward	DOLLARS	CENTS
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					

FOR PACKERS USE ONLY, TO SHOW WHAT SHIPMENT COMPRISED				FOR ORDER CLERKS USE ONLY			
✓	BAGS	✓		✓	BAGS	✓	LAWN MOWERS
	BALES				BARRELS		PACKAGES
	BARRELS				BASKETS		PIECES HOSE
	BASKETS				BOXES		PLANTS
	BOXES				BROODERS		PUMPS
	BROODERS				BUNDLES		RAKES
	BUNDLES				CANS		SHOVELS
	CANS				CRATES		SPADES
	CRATES				FORKS		
	PACKAGES				HOES		
	TUBS				INCUBATORS		

NOTICE PACKERS MUST CHECK THE ABOVE CAREFULLY

MISSOURI
Fruit Experiment Station

Bulletin 18.

October 1908.

TABLE IV.

Experiment at Jefferson Barracks on Peach.
Sprayed March 21, 1908.
Examination made May 20, 1908, after spraying.

Spray and Formula	Number of Trees.	Scales Counted.	Scales Dead.	Scales Living.	Ratio of Benefit. Per Cent Dead.
Lime-Sulphur, boiled 45 min. 15-15-50	70	123	120	3	97.6
Target Brand Scale Destroyer. 1 to 20	18	115	115	0	100.0
Kerosene Emulsion, 10 per cent	24	121	100	21	82.6
Target Brand Oil Emulsion, 1 to 25	14	101	100	1	99.9
TOTAL	126	460			

* * * * *

“From the tables already referred to it will be seen that seven different counts were made where some formula or kind of miscible oil had been used in these experiments and that an average of the percentage of scales killed showed 99.6 per cent. An average of ten counts made upon standard and commercial lime-sulphur sprays used in the same experiments gave 89.7 per cent scales killed, or a difference of 10 per cent in favor of the miscible oil sprays.” (The oils used were another brand at 1 to 15 and Target Brand at 1 to 20 and 1 to 25.)

“Target Brand”

Scale Destroyer

For San Jose Scale



Henry F. Michell Company,
618 and 1018 Market Street,
Philadelphia, Pa.

DIRECTIONS FOR PREPARING Target Brand Scale Destroyer for use on dormant trees.

To such quantity of concentrated Scale Destroyer as you desire to use add 1 pint of cold water, stir with a stick or paddle for two minutes; add 1 more pint of water and stir as before, continue to add water, 1 pt. at a time, until the whole mixture becomes entirely milk-white. To the emulsion so formed the rest of the water may be added, at one time, to make a dilution of 1 of oil to 20 of water, as follows:

1 Quart of Scale Destroyer in	5 gallons of water.
1 Gallon " " " "	20 " " "
2½ " " " "	50 " " "
5 " " " "	100 " " "

Apply dilution so formed through a fine spray nozzle with a force pump that maintains a pressure of at least 100 pounds.

Prices Target Brand Scale Destroyer

1 Quart Cans	\$.35 each.
1-2 Gallon Cans	.65 "
1 " "	1.00 "
5 " "	3.75 "
10 " "	7.50 "
Half-Barrels	.55 per gal.
Barrels	.50 " "

TO CONTROL SAN JOSE SCALE at minimum of expense use TARGET BRAND SCALE DESTROYER AT 1 TO 20

*As Soon as the Leaves Drop
From the Trees This Fall*

It is Effective, because it spreads into all cracks and crevices, where other spraying material will not reach, and forms there an insoluble coating which kills the insect, but protects the tree and keeps it healthy.

It is Safe, because it has no caustic action and is not penetrative like volatile oils. Experiments have proven that repeated applications, twice each year, for several years, have not had injurious effects. Trees treated with Target Brand Scale Destroyer retain their foliage in the fall longer than any others, thus proving their greater vitality.

It is Economical, because it saves time and labor; never clogs nozzles nor injures men or animals. Its guaranteed composition makes it always effective; its non-volatile character makes it always safe, when applied as directed. It is applied the easiest and goes the farthest.

*If Spraying can not be Done
This Fall*

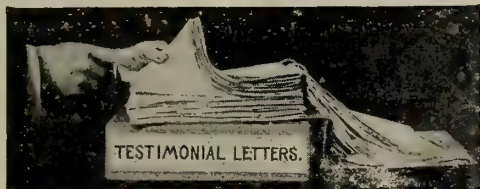
"Target Brand" Scale Destroyer may be used during the Winter and Spring, whenever temperature is above freezing.



The AUTO-SPRAY
 No. 1 is the *standard of all compressed air sprayers*. It consists of a reservoir of about 4 gallons capacity made of heavy material, either of brass or galvanized steel as ordered. In this tank is inserted and locked our brass air pump which may be attached or detached by the simple shift of the cam. To this reservoir is attached a lead of discharge hose with customer's choice of any one of the shut-off attachments shown on page 4. To the shut off is attached a nozzle, and the nozzle may also be operated in connection with the extension pipe or elbow as shown in the various illustrations.

Fig. 105
 in connection with the extension pipe or elbow as shown in the various illustrations.

Diameter, . 7 Inches	Weight empty, . 8lbs.
Height, . . 2 Feet	Weight loaded, . 39' s.
Capacity, abt. 4 Gallons	Weight shipping, 13lbs.



Thousands of unsolicited testimonials are on file with us. We will give names of users in any locality when requested.



Fig. 119
 Auto-Spray No. 1



Fig. 212
Spraying Potatoes

THE AUTO-SPRAY No. 1 is used for spraying trees, shrubs, vines, greenhouses, poultry houses, hospitals and stables, for disinfectants for sheep and cattle dip and cattle fly oils. It may be used where any other spray pump can be used, and will handle all spray solutions, including whitewash and cold water paint.

How it Works

The AUTO-SPRAY No. 1 is operated by working an air pump with which air is compressed on top of the solution. After the pressure is generated the operator has nothing to do but direct the spray. A few strokes of the plunger will compress enough air to operate the machine several minutes, and two pumpings will discharge all of the contents.

How it is Made

The AUTO-SPRAY No. 1 is made of heavy material throughout, and the brass machine which we *strongly recommend*, is practically indestructible because it cannot be affected by the various spray solutions. The construction throughout is thoroughly mechanical and so simple that it is not liable to get out of order.

EXTRA EQUIPMENT is illustrated and priced on page 4.

Fig. 218. **Auto-Pop No. 1** is a patented shut-off device with self-cleaning attachment, Operating the lever opens or close the valve and cleans the nozzle aperture automatically.



Fig. 214
In the Greenhouse

Fig. 220. **Auto-pop No. 2** operates similar to the Auto-Pop No. 1, but has no cleaning device.

Fig. 222. **Auto-Pop No. 3** has no lever and no cleaning device.



Fig. 211
Spraying Trees



Fig. 216
Spraying Boscus
and Shrubs

Fig. 224. **Stop-Cock** requires two hands to operate.

Copper Strainer. A great convenience in the preparation of solutions.

The Torch. For burning worms' nests. Burns kerosene oil vaporized with air, and the flame is so hot that worms are instantly destroyed.

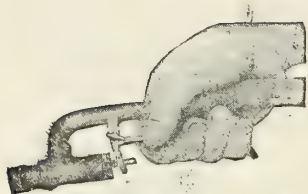
Fig. 30. **Extension Pipe.** Furnished in 2 ft. lengths of solid brass. Three lengths generally used for trees.

Fig. 31. **Elbow Extension.** For spraying the under side of grapes, melons, etc.

Fig. 170. **Two-Row Attachment.** For spraying two rows of potatoes, etc., at one passing.



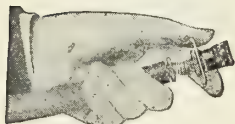
Fig. 215
In the Poultry
House



Auto-Pop No. 1
Fig. 218



Auto-Pop No. 2
Fig. 220



Auto-Pop No. 3
Fig. 222



Stop-Cock
Fig. 242



Two ft. Brass Extension
Fig 30



Brass
Elbow
Fig. 31



Two-Row Attachment
Fig. 170

PRICES

Brass Auto-Spray, with Stop-cock	\$6 75
“ “ “ Auto-pop	7 75
Galvanized Auto-Spray with Stop-cock	4 50
“ “ “ Auto-pop	5 50
Auto-pop purchased separately	1 35
Brown Auto-Whitewashing machine	12 00
Extension Pipes, 2-ft. Brass	45
“ “ 2-ft. Galvanized	30

FOR SALE BY
HENRY F. MICHELL CO., SEEDSMEN
 Two Stores—1018 and 518 Market Street
 Philadelphia, Pa.

INSECT DESTROYERS, Etc.

Prices subject to Market Changes

- Alcohol.** For nicotine lamps. Per quart 65c., \$1.75 per gallon.
- Ant Exterminator.** Very effectual for destroying ants in gardens and lawns. Per $\frac{1}{4}$ lb. 20c., 40c. per $\frac{1}{2}$ lb., per lb. 75c.
- Aphis Punk.** Kills aphis and thrip very effectively. Per pkge. 60c., \$6.50 per 12 pkges.
- Arsenate of Lead.** For spraying trees and shrubbery against attacks of leaf beetles. Price 25c. per lb., 5 lbs. 90c., \$1.70 per 10 lbs., \$8.00 per 50 lbs., 100 lbs. \$15.00.
- Boxal.** For spraying potatoes and vegetable plants. 5 lbs. \$1.00, \$1.75 per 10 lbs., 25 lbs. \$4.00, \$15.00 per 100 lbs.
- Bordeaux Mixture.** For black rot, downy mildew, and anthracnose of grape, potato blight, potato rot, leaf blight of cherry, pear, quince and other fungus diseases. Per lb. box 20c., 75c. 5 lbs., makes 25 gallons spray; \$1.25 per 10 lbs., makes 50 gallons spray; \$3.00 per 25 lb. box, makes 125 gallons.
- Bordeaux Mixture.** In paste form. Per qt. 40c., \$1.00 per gal.
- Bug Death.** Now largely used instead of Paris Green, more safe, just as effectual, and acts as a fertilizer as well as an insecticide. Price, 1 lb. 15c., 35c. per 3 lbs., 5 lbs. 50c., \$1.00 per $1\frac{1}{2}$ lbs., 100 lbs. \$7.50. (Special Shaker, 25c.)
- Cattle Comfort.** For ridding cattle and horses of flies. Qt. 45c., \$1.15 per gallon.
- Copperdine.** For black rot, carnation rust and anthracnose of the grape, pear, leaf blight, apple scab and powdery mildew. 60c. per qt., \$1.75 per gallon.
- Cow Ease.** The finest article for affording comfort to cattle. They will yield more milk and remain in better condition. Price, per qt. 35c., \$1.00 per gallon, 5 gallons \$4.00.
- Disparene.** Similar to arsenate of lead. 1 lb. 30c., \$1.25 per 5 lbs., 10 lbs. \$2.25, \$4.75 per 25 lbs., 100 lbs. \$18.00.
- Dalmation or Persian Powder.** Pure. $\frac{1}{4}$ lb. 15c., 60c. per lb., 5 lbs. \$2.50.
- Fir Tree Oil.** For destroying insects, such as mealy bug, red spider, scale, thrip, green fly, etc. Full directions with each can. $\frac{1}{2}$ pt. 50c., 75c. per pt., per qt. \$1.50, \$2.75 per $\frac{1}{2}$ gallon, per gallon \$5.00.
- Fir Tree Oil Soap.** $\frac{1}{2}$ lb. 25c., 75c. per 2 lbs.
- Grape Dust.** Best remedy for mildew. 5 lbs. 30c., 60c. per 10 lbs., 25 lbs. \$1.35, \$5.00 per 100 lbs.
- Hellebore.** For destroying rose slugs. 10c. per $\frac{1}{4}$ lb., $\frac{1}{2}$ lb. 15c., 25c. per lb., 5 lbs. \$1.00, \$1.85 per 10 lbs.
- Horicum.** A concentrated solution of lime sulphur and salt. \$1.15 per gallon, 5 gallons \$5.00, \$32.50 per 50 gal. bbl.
- Kerosene Emulsion.** (Paste.) For plant lice of any kind. 1 lb. 20c., 60c. per 5 lb. can, makes 50 gallons spray; 25 lb can \$2.50.
- Kerosene Emulsion.** (Liquid.) Per qt. 40c., \$1.00 per gallon.
- Kil-o-Scale.** 1 pt. 30c., 50c. per qt., $\frac{1}{2}$ gallon 75c., \$1.25 per gallon, 5 gallons \$5.00, \$21.25 per 25 gallons, 50 gallons \$42.50.
- Kil-Worm.** Destroys worms, grubs, particularly useful on grounds and lawns, but should not be applied directly to any other growing plants. Dilutes 1 part to 50 parts of water. Qt. 65c., \$1.25 per $\frac{1}{2}$ gallon, gallon \$2.00, \$9.00 per 5 gallons.
- Lemon Oil.** Will destroy mealy bug, scale, thrip, red spider, etc. Per $\frac{1}{2}$ pt. 25c., 40c. per pt., per qt. 75c. \$1.25 per $\frac{1}{2}$ gallon, per gal. \$2.00, \$9.00 per 5 gals. Dilute 1 part to 30 of water.
- London Purple.** Lb. 25c., \$1.10 per 5 lbs.
- Lime Sulphur Solution** (Niagara Brand). For San Jose Scale. 1 gal. dilutes to 15 gals. of water. 1 gal. 75c., \$2.25 per 5 gal. can, 10 gals. \$3.75, \$7.50 per 30 gal. bbl., 50 gal. bbl. \$12.00.
- Nicotide.** A powerful insecticide for evaporizing. $\frac{1}{4}$ pt. 70c., \$1.25 per $\frac{1}{2}$ pt., per pt. \$2.50, \$4.50 per qt. Lamps, each 50c.
- Nico Fume.** (Liquid.) For spraying and vaporizing. Price, $\frac{1}{4}$ pt. 50c., \$1.50 per pt., $\frac{1}{2}$ gallon \$5.50, \$10.50 per gallon.
- Nico Fume.** An improvement on Aphis Punk; elegant reports from florists who have used it. Positive death to red spider and aphis. Put up in air-tight metal packages. Price, per box, 75c.; \$3.50 per 144 sheets, 288 sheets \$6.50.
- Nikoteen.** For spraying and vaporizing. Pt. \$1.50, 10 pts. \$14.00.
- Paris Green** (Pure). $\frac{1}{4}$ lb. 15c., 25c. per $\frac{1}{2}$ lb., lb. 40c., \$1.75 per 5 lbs., 14 lbs. \$4.50.
- Pyrox.** 5 lbs. \$1.00, 10 lbs. \$1.75, 25 lbs. \$4.00, 100 lbs. \$15.00.
- Rose Leaf Extract of Tobacco.** 30c. per pt., per qt. 50c., \$1.25 per gallon, 5 gallons \$4.25.
- Shoo Fly.** Keeps the flies from cattle and horses. Per qt. 35c., \$1.00 per gallon.
- Slug Shot.** Canister with perforated top, 15c.; 25c. per 5 lbs., 10 lbs., 50c., \$1.20 per 25 lbs., 50 lbs. \$2.25, \$4.25 per 100 lbs. Full barrel lots, about 250 lbs. ($3\frac{3}{4}$ c. per lb. F. O. B. factory), 4c. per lb. F. O. B. Philadelphia.
- Sulphur.** A preventive and cure for mildew. Lb. 7c., 30c. per 5 lbs., 25 lbs. \$1.25, \$4.00 per 100 lbs.
- Scalecide.** (F. O. B. Philadelphia.) 45c. per qt., gallon \$1.15, \$3.50 per 5 gallons, 10 gallons \$6.50, \$16.00 per 25 gal. keg, \$25.00 per 50 gal. bbl. Special price quoted F. O. B. factory.
- Scale Destroyer** (Target Brand). Qt. 35c., 65c. per $\frac{1}{2}$ gal., gal. \$1.00, \$3.75 per 5 gals., 25 gals. \$13.75, \$25.00 per 50 gals.
- Sulphate of Copper.** For spraying. Per lb. 12c., \$1.00 per 10 lbs., 25 lbs. \$2.25, \$8.00 per 100 lbs.
- Sulpho Naphthol.** A germicide and insecticide. 1 oz. bottle 10c., 25c. per 3 oz. bottle, 8 oz. bottle 50c.
- Sulpho Tobacco Soap.** 4 oz. pkg. 10c., 20c. per 8 oz. pkg.
- Sulphur Candles.** Large 25c. each, doz. \$2.50, small 10c. doz. \$1.10.
- Thymo Cresol.** Both an insecticide and disinfectant, highly recommended. 4 oz. bottle 25c., 40c. per 8 oz., pt. 50c., 70c. per qt., $\frac{1}{2}$ gallon \$1.10, \$2.00 per gallon.
- Tobacco Dust.** Cheaper than snuff and quite as effectual. Per lb. 10c., 45c. per 10 lbs., 25 lbs. \$1.00, \$3.50 per 100 lbs.
- Tobacco Dust** (Special Brand). For burning especially. 5 lbs. 35c., 60c. for 10 lbs., 25 lbs. \$1.25, \$4.00 for 100 lbs.
- Tobacco Dust.** (Stoothoffs.) For burning or dusting; state which is wanted. 5 lbs. 35c., 60c. per 10 lbs., 25 lbs. \$1.25, \$2.00 per 50 lbs., 100 lbs. \$3.50.
- Tobacco Soap** (Pinnars). For destroying insects, parasites and their eggs infesting either plants or animals. $\frac{1}{2}$ lb. 20c., 40c. per lb.
- Tobacco Stems, Fresh.** Lb. 5c., 20c. for 5 lbs., bushel 50c., \$1.00 per bbl., large bale \$2.00, \$6.50 per $\frac{1}{2}$ ton, ton \$12.00.
- Tobakine Fumigating Paper.** Per pkge. 75c., \$6.50 per doz.
- Tobakine Fumigating Liquid.** $\frac{1}{4}$ pt. 60c., \$1.10 per $\frac{1}{2}$ pt., pt. \$2.00, \$7.75 per $\frac{1}{2}$ gal., 1 gal. \$15.00.
- Whale or Fish Oil Soap.** (Regular hard grade.) With directions, per $\frac{1}{2}$ lb. 10c., 20c. per lb., 5 lbs. 50c., 90c. per 10 lbs., 25 lbs. \$1.75, \$6.50 per 100 lbs.
- Whale Oil Soap.** (Good's Caustic soft soap.) Lb. 20c., 75c. per 5 lbs., \$1.75 per 25 lbs., 50 lbs. \$3.25, \$5.00 per 100 lbs., barrels of about 425 lbs. \$17.00.
- Wilson's Plant Oil.** For scale and all other sucking insects. 40c. per pt., qt. 75c., \$2.00 per gal.
- Worm Eradicator.** The best article for destroying worms. Per bottle 50c., \$1.00 and \$3.00.

TREE TANGLEFOOT

A modern remedy and preventative for preventing caterpillars, worms and other crawling insects from climbing trees. Made by the manufacturers of Tanglefoot Fly Paper, which will cause it to be recognized as thoroughly good. One application in the form of a painted ring on the tree will last for months; will not injure the tree, nor is it hardly perceptible.

1 lb. 25c.; 95c. for 4 lbs.; 10 lbs. \$2.25.

MAILED FREE OR INCLUDED WITH ORDERS

Our "New Booklet," a combined price list and **Treatise on Spraying.** Ask for a copy.

"VAPORITE"—A NEW REMEDY FOR WORMS AND GRUBS

Every gardener will welcome a good remedy for cut worms, etc. This is really the only successful one ever put on the market that will do the work. It is used by mixing with the soil, a cart load of the latter requiring from 2 to 3 lbs. of Vaporite. Full directions with each package. 1 lb. 15c.; 60c. per 5 lbs.; 10 lbs. 90c.; \$2.00 per 25 lbs.; 50 lbs., \$3.75; \$6.50 per 100 lbs.

SPRAY PUMPS, Etc.

DEMING'S SIMPLEX No. 550 BARREL PUMP

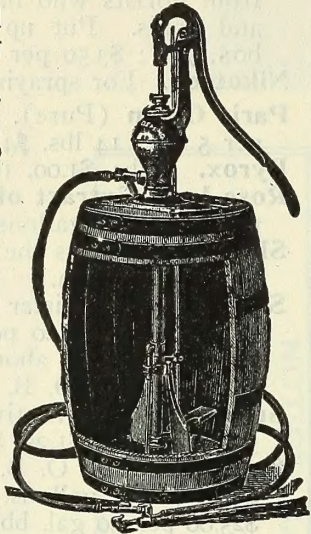
This pump is one of the very best sprayers on the market. Fitted with brass cylinders. Will not corrode or rust. Will throw a stream 40 feet. **Plain Pump**, no hose or nozzle or barrel. \$7.50

Outfit A—Pump, with 12½ feet hose, fitted with either a Bordeaux or Vermorel nozzle and pole connection for reaching into trees, without barrel. \$10.00.

Outfit B—Pump, with two 12½-foot sections of hose, two Bordeaux or Vermorel nozzles, pole connection, no barrel. \$12.50

Barrels, with trunnions ready to mount on truck, with cut head. \$3.25.

Barrel and Pump Outfit A, complete, with Trucks, as follows:
 1½ inch Tire Truck \$19.25
 2½ inch Tire Truck 20.00
 3½ inch Truck, complete 20.75



Deming's Barrel Spray Pump

DEMING'S CENTURY BARREL SPRAY PUMP

A very powerful pump for the orchard. The working parts are entirely of brass; has large air chamber; also a perfect agitator and a long fulcrum link, which enables the operator to work the pump with little power.

Price, for plain pump, no barrel or hose. \$10.50
 Price, complete, with 12½-foot hose and nozzle, no barrel. . . 13.00
 Price, with two 12½-foot leads, hose and nozzles, no barrel. 15.00

SPECIAL SPRAY PUMP HOSE (Half Inch)

12½ feet, with couplings and nozzle . . \$2.75
 25 feet, with couplings and nozzle . . . 4.50
 7-foot sections for bucket pumps, ¾ in., with couplings but no nozzle 1.25

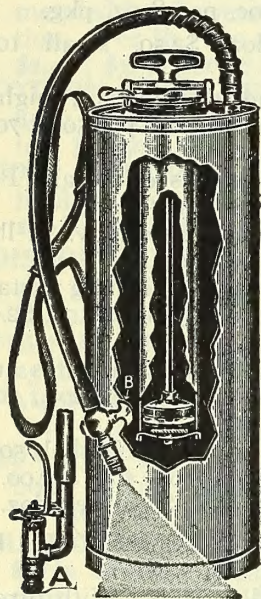
THE AUTO SPRAY

The Auto Spray is now used by all the large fruit growers for spraying. It operates with compressed air; safe and efficient; liquid capacity, 4 gallons; pressure capacity, 40 pounds.

Price, Galvanized iron \$4.50
 " Brass 6.75

AUTO POP ATTACHMENT which controls the flow instantly by a pressure of the hand. When purchased with the machine (omitting other nozzle), \$1.00 extra; when purchased separately, \$1.35.

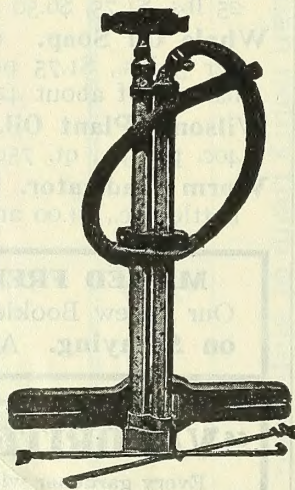
EXTENSION PIPES FOR AUTO SPRAY, 2 feet long. Brass, 45c.; galvanized, 30c. We can furnish all extra parts for the Auto Spray.



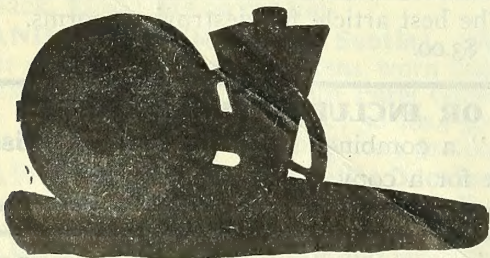
Auto Spray

AUTO BUCKET PUMP

This is a double-action, all brass pump, complete with hose, nozzle and extension pipes. A most satisfactory addition to our pump line. Price, \$4.50.



Auto Bucket Pump



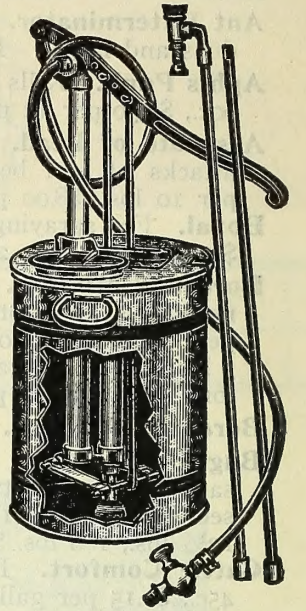
SULPHUR BLOWER

For distributing sulphur and insecticides of various kinds. Price, \$4.50.

It pays to Spray at all Seasons of the Year.

THE AUTO WHITEWASH MACHINE AND SPRAY PUMP

This sprayer has a heavy galvanized reservoir (capacity eight gallons), fitted with a double or continuous action spray pump and agitator. The working parts are brass, fitted with the necessary hose, extension pipes and nozzle. Price, \$12.00.



Auto Whitewash Machine

BRASS STRAINER

For straining whitewash and spray material. Price, \$1.00.

DEMING KNAPSACK SPRAYERS

These are elegant for carrying around the garden, among shrubbery, etc., and also for tree work.

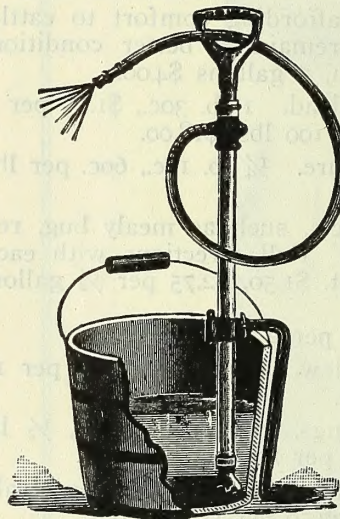
Fig. 675. Copper tank, holding about 7 gals., complete, with pump, nozzle and hose \$13.50

Fig. 654. Galvanized tank, holding about 7 gals., complete, with pump, nozzle and hose. 9.50

DEMING'S SUCCESS SPRAY PUMPS

The Success Pumps are the most popular spray pumps on the market. Made entirely of brass, they cannot rust or corrode. Fitted with either a Bordeaux or Vermorel nozzle.

Success, Plain, with nozzle and hose \$4.15
Perfect Success, with nozzle, hose and bucket fastening attachment 4.75



Success Pump

MYERS' BUCKET PUMP

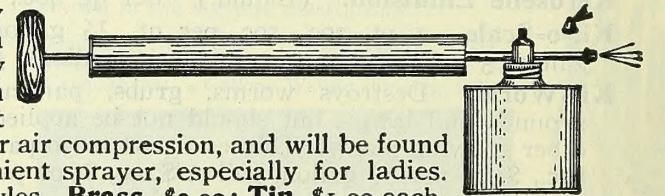
All brass Price, \$3.00

EXTENSION PIPES, Etc.

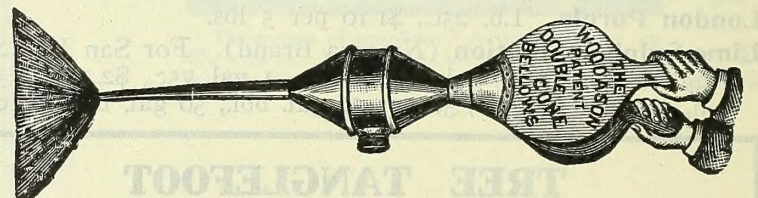
Bamboo, brass tube, 10 ft. long, \$2.50
Bamboo, brass tube, 8 ft. long, 2.00
Solid brass, ¼ in., 8 ft. long . . . 4.00
Iron, ¼ inch 1.50
Pet Cock, extra40

MICHELL'S AUTOMATIC HAND SPRAYER

This is a new sprayer which requires very little work in operating. It has a device for air compression, and will be found a most convenient sprayer, especially for ladies. Made in two styles. **Brass**, \$2.00; **Tin**, \$1.00 each.



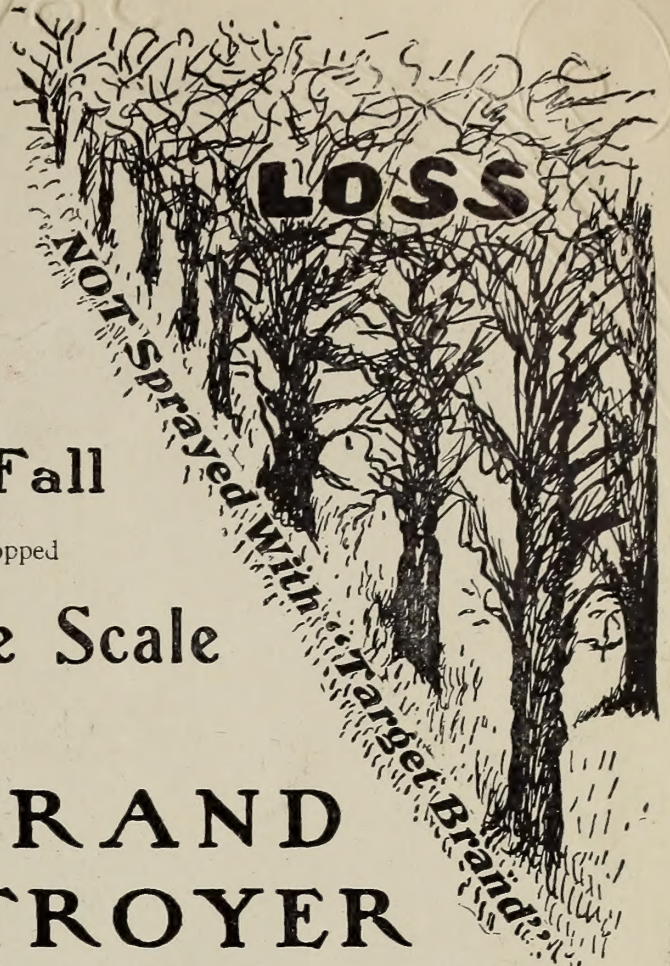
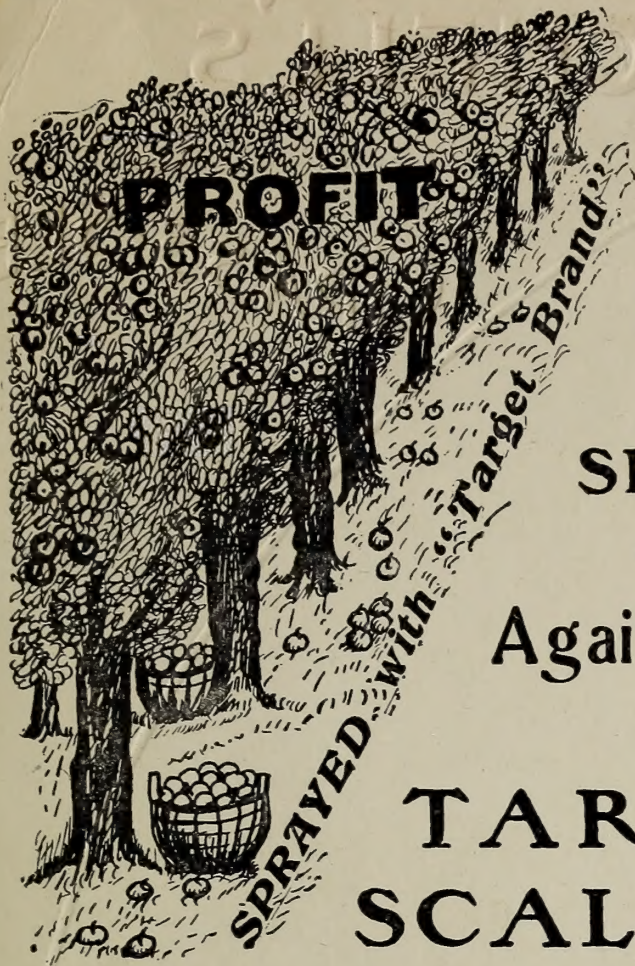
MYERS' HAND SPRAYS.—**Brass**, \$1.00 each; **Tin**, 50c. each.



WOODASON HAND BELLOWS

Large double cone, each \$3.00
 Large single cone, " 2.00
 Small single cone, " 1.10
 Liquid spraying, each small, \$1.50; large, 2.00
 Sulphur bellows, each 1.50
Houchins Small Single Cone, each60

Prices on Implements and Sundries subject to market changes



If you want profit from your orchard next year

SPRAY this Fall

as soon as the leaves have dropped

Against San Jose Scale

—using—

TARGET BRAND SCALE DESTROYER

- 1 The winds are more favorable for spraying in the fall months, allowing more careful and thorough work to be done.
- 2 As a rule the orchardist has more time at his command in the fall than after the spring work begins.
- 3 There is no frost coming out of the ground during the fall to prevent the easy moving of apparatus into all parts of the orchard.

- 4 During the winter months the scale often causes serious injury which could have been prevented if sprayed during the fall.
- 5 Should the work of spraying be not entirely completed during the fall, the grower will have a second opportunity to finish before the growing season.
- 6 During the fall the scale is least able to withstand the effects of any spray application. Later in the season it becomes more resistant from exposure to adverse weather.

Target Brand Scale Destroyer A Soluble Oil for San Jose Scale

Kills every scale it hits! Does not injure trees! Mixes perfectly with cold water!
Saves apparatus from wearing out! Does not clog nozzles! Requires no boiling!
Positively non-injurious to men and animals! Cheaper than lime and Sulphur!

Endorsed by Experiment Stations and Commercial Fruit Growers

Bulletin No. 18

MISSOURI STATE FRUIT EXPERIMENT STATION
MOUNTAIN GROVE, MO.

Table 4—Experiment at Jefferson Barracks on Peach,
Sprayed March 21st, 1909

SPRAY AND FORMULA	No. of Trees	EXAMINATION ON MAY 20th, 1909, AFTER SPRAYING			
		Scales Counted	Scales Dead	Scales Living	Ratio of Benefit Per Cent. Dead
Lime-Sulphur, boiled 45 min.	70	123	120	3	97.6
Target B'd Scale Destroyer, 1 to 20	18	115	115	0	100.0
Kerosene Emulsion, 10 per cent	24	121	100	21	82.6
Target B'd Oil Emulsion, 1 to 25	14	101	100	1	99.9
Total	126	460			

I beg to say Target Brand was used, side by side with two other brands of soluble oil on Japan Plums, under the direction of Dr. J. B. Smith of the New Jersey Experimental Station. A few days ago Dr. Smith sent an expert here to note results and after careful examination he reported, on the plot where Target Brand was used, he did not find a living scale.

JAMES McCRACKEN, NEW BRUNSWICK, N. J.

I have 90 acres in apple trees with recent set orchards filled in with peach. The Spring of 1905 I fixed up a plant to make Lime, Salt and Sulphur Wash with live steam. After thus preparing 1300 gallons which were applied with a power sprayer the balance was sprayed with Target Brand Scale Destroyer in proportion of one gallon of the oil to nineteen of water. The results from every standpoint were so much in favor of Target Brand that I have used it exclusively since. My orchards have passed from a very badly infested stage to one almost free of scale. This year we had 1600 barrels of apples with little to no scale on the fruit.

JOSIAH W. PRICKETT, BIGLERSVILLE, PA.

ONE GALLON DESTROYER makes **TWENTY GALLONS DILUTION** ready to apply.
 For Use on **DORMANT TREES** only (while leaves are off in Fall, Winter and Spring)
TARGET BRAND SCALE DESTROYER costs per quart, 35 cts.; Half Gallon, 65 cts.; One Gallon, \$1.00; Five Gallons, \$3.75;
 Ten Gallons, \$7.50; Half Barrels, at 55 cts. per Gallon; Barrels, at 50 cts. per Gallon.

Sold extensively by **HENRY F. MICHELL COMPANY**
TWO STORES—1018 and 518 MARKET STREET, PHILADELPHIA, PA.

Sow **MICHELL'S**

EVERGREEN

GRASS-SEED

IN
SEPTEMBER
and OCTOBER



OUR
ANNUAL
GRASS SEED
SALES OVER
A QUARTER
MILLION POUNDS

Widener Memorial
Training School, Logan, Pa.

A most beautiful lawn sown with
MICHELL'S EVERGREEN GRASS SEED

HENRY F. MICHELL CO.

TWO ESTABLISHMENTS

1018 and 518 MARKET ST.

PHILADELPHIA, PA.

SEEDS, ETC.